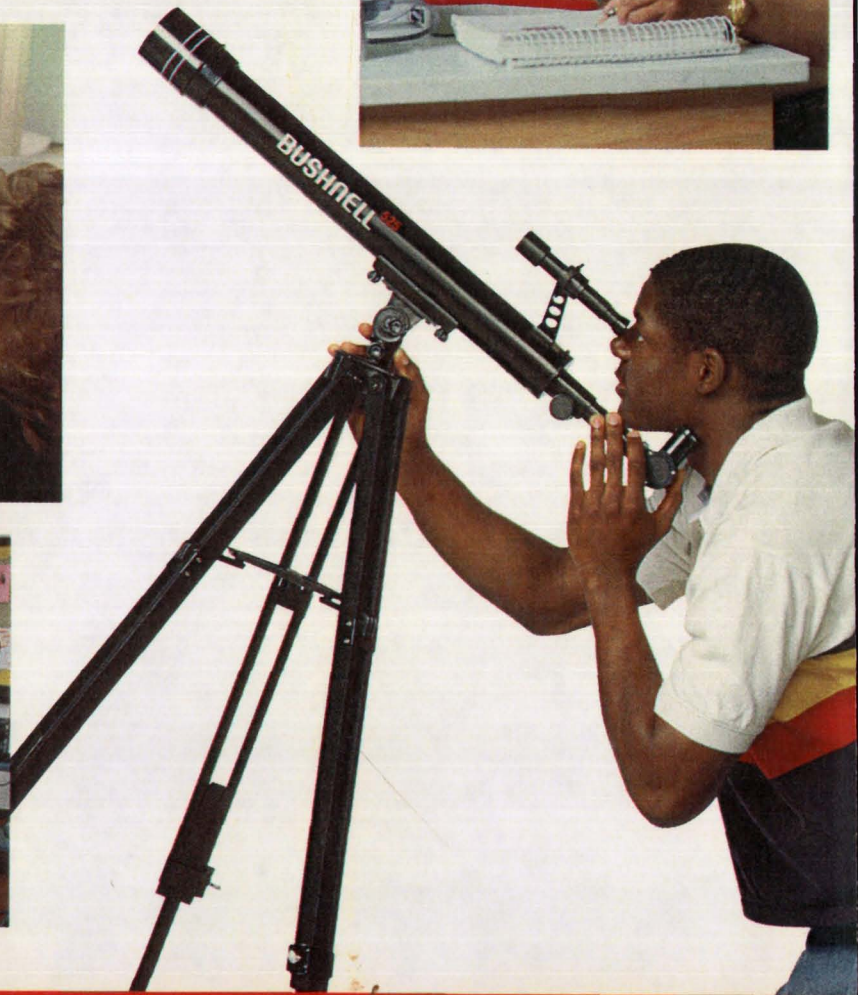
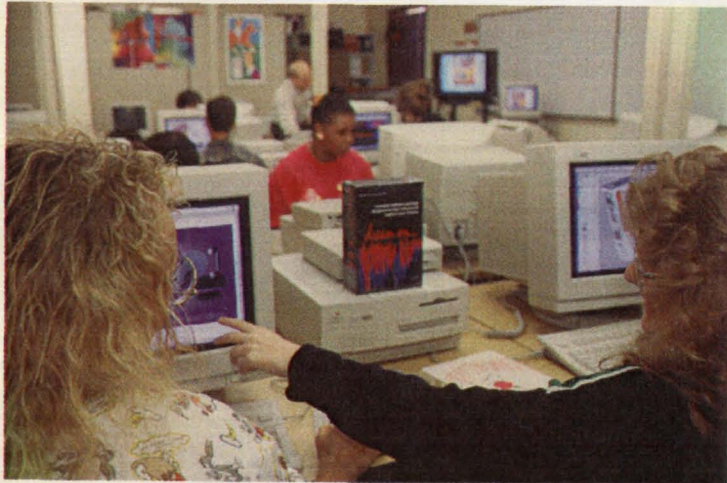
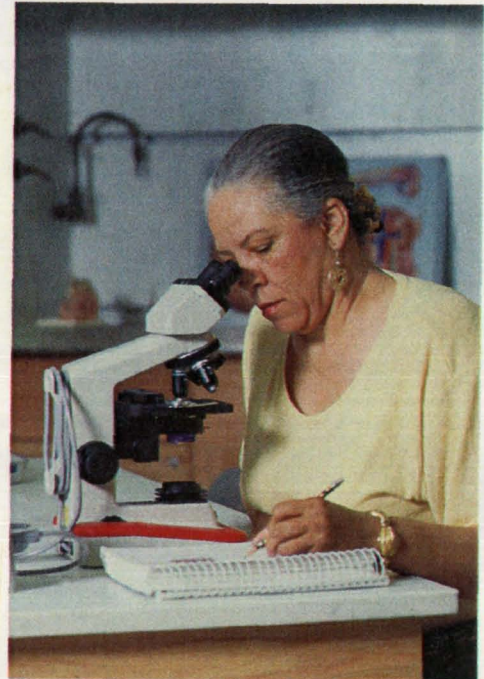
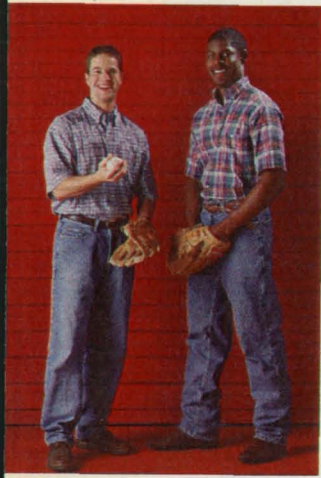


# Eastfield College 1999-2000 Catalog

Dallas County Community College District



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# 1999-2000 Eastfield College Catalog



**Eastfield College**  
3737 Motley Drive  
Mesquite, Texas 75150

**Call for information: Admissions, 972-860-7100**  
**Counseling, 972-860-7106**

**Visit our web site at <http://www.dcccd.edu>**

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This publication is prepared by the Dallas County Community College District and Eastfield Offices of Public Information.

Educational opportunities are offered by the Dallas County Community College District without regard to race, color, age, national origin, religion, sex or disability.



# TEXAS ACADEMIC SKILLS PROGRAM--DCCCD

***As a result of State law, ALL students entering any Texas public college Fall 1998, or thereafter, must have either TASP, QuickTASP or state approved Alternate Assessment test scores on file prior to enrolling for college-level courses. Deaf students entering Fall 1995, or thereafter, are subject to all TASP regulations with the exception that they must take the Stanford Achievement Test rather than TASP, QuickTASP or Alternate Assessment.***

1. **What is TASP?** TASP is both a test and a program to ensure Texas college students have the academic skills to be successful in college.
2. **Who must take TASP?** All students, unless otherwise exempt or waived, must participate in the TASP program.
3. **Who is exempt or waived from TASP requirements?** The following are exempt or waived: (1) Students who earned at least three hours of college-level credit prior to Fall 1989; (2) Students enrolled in certain certificate programs are waived from the requirements as long as they maintain such enrollment; (3) Students who already have a baccalaureate degree; (4) Students who have ACT/SAT/or TAAS scores which meet state approved standards; (5) Students who are enrolled in private or out-of-state institutions and who wish to remain only for one term/semester within the DCCCD; (6) Students who are not seeking a degree AND are at least 55 years of age; (7) International students who are not seeking a degree; (8) Students with either certifiable math disorders or dyslexia may be exempt when approved by The Texas Higher Education Coordinating Board as only that agency may grant such an exemption; and (9) Out-of-state students involved in official distance education courses.
4. **What happens if a student fails a section of TASP, QuickTASP or Alternate Assessment?** Students who fail either a section of the TASP, QuickTASP, or the DCCCD Alternate Assessment test must enroll and actively participate in developmental courses related to the failed area(s) or be dropped from college-level courses. (Concurrently enrolled high school students who take and fail a section of TASP, QuickTASP or DCCCD Alternate Assessment will not be required to take developmental courses as long as they are in high school.) Students must continue to participate in mandated developmental coursework until (1) they pass the failed section of TASP or QuickTASP (please note that the DCCCD Alternate Assessment tests cannot be used for retesting purposes), or (2) they have completed the required developmental coursework at which time the college may release the student from further developmental courses.
5. **When must all TASP requirements be met?** Students must meet all TASP requirements prior to receiving a certificate (if TASP is required) or degree *OR* before taking junior/senior courses at a Texas public university.
6. **How can the TASP requirements be met?** Students may meet the TASP requirements in several ways:
  - (1) Pass all sections of TASP or QuickTASP;
  - (2) Pass all sections of the state approved DCCCD Alternate Assessment on the initial attempt;
  - (3) In the exact following order, take and fail a section of TASP or QuickTASP, complete all required developmental coursework with a grade of C or better, retake and fail the same section of TASP or QuickTASP, and then take and make a B or better in an approved, related college-level course; or
  - (4) In the exact following order, take and fail a section of the DCCCD Alternate Assessment, complete all required development coursework with a grade of C or better, retest with TASP or QuickTASP and fail the same subject area originally failed on the DCCCD Alternate Assessment, and then take and make a grade of B or better in an approved, related college-level course. Students attempting to meet the requirements through the third or fourth methods must check with the college TASP Coordinator to learn of all required steps to be met.
7. **How is the test administered?** The DCCCD Alternate Assessment and QuickTASP are offered at each DCCCD Assessment/Testing Center throughout the year during various dates and times. Please contact your DCCCD campus Assessment/Testing Center for specific information regarding DCCCD Alternate Assessment and QuickTASP test administration procedures. The TASP test is administered statewide at least six times a year. Students **MUST** register on forms available in the college Assessment/Testing Center in order to take the TASP test. The on-time registration fee for TASP and QuickTASP is \$29. A TASP study guide is available for purchase.
8. **Will other institutions have my DCCCD Alternate Assessment scores?** TASP, QuickTASP, and Alternate Assessment scores will be printed on an official Texas public college or university transcript. DCCCD students who take the DCCCD Alternate Assessment and later transfer to another Texas public college or university will have their scores honored by the receiving institution. Transfer students from another Texas public college or university to the DCCCD will have their state-approved alternate assessment scores honored by the DCCCD.

## ***DCCCD TASP Coordinators who can assist you with information about TASP requirements:***

Brookhaven College	Brenda Dalton	972-860-4677
Cedar Valley College	Carolyn Ward	972-860-8204
Eastfield College	Jennie Banks	972-860-7028
El Centro College	Charlie Morgan	214-860-2077
Mountain View College	Carolyn Carney	214-860-8557
North Lake College	Aditi Samarth	972-273-3127
Richland College	Teddy Krekula	972-238-6115
District Office	Velma Hargis	214-860-2406

***It is the student's responsibility to be aware of ALL TASP requirements and to meet them.***

***\*Please note: TASP rules are always subject to change.***

Additional TASP information can be found at The Texas Higher Education Coordinating Board's website: **WWW.theccb.state.tx.us/**



# Academic Calendar for 1999-2000

## May Term, 1999

Contact Colleges for availability and schedules.

## Summer Sessions, 1999

Note: Early Registration for both Summer Sessions begins Spring, 1999; contact colleges for schedules. Individual colleges may offer variations of this summer schedule.

First Summer Session:

(Based on 4 day class week plus 1st Friday)

May 31 (M)	Memorial Day Holiday
June 7 (M)	Classes Begin
June 10 (R)	4th Class Day
June 11 (F)	Class Day (Only Friday class meeting)
June 19 (S)	TASP Test Administered
June 29 (T)	Last Day to Withdraw with a Grade of "W"
July 5 (M)	Fourth of July Holiday
July 8 (R)	Final Exams
July 8 (R)	Semester Closes
July 12 (T)	Grades due in Registrar's office by 10 am

Second Summer Session:

(Based on 4 day class week plus 1st Friday)

July 15 (R)	Classes Begin
July 16 (F)	Class Day (Only Friday class meeting)
July 20 (T)	4th Class Day
July 24 (S)	TASP Test Administered
August 9 (M)	Last Day to Withdraw with a Grade of "W"
August 17 (T)	Final Exams
August 17 (T)	Semester Closes
August 19 (R)	Grades due in Registrar's office by 10 am

## Fall Semester, 1999

Note: Students should register as early as possible. By registering early, students may take full advantage of academic advisement and may have more course options available. Fall registration begins June 16.

August 23 (M)	Faculty Reports
August 30 (M)	Classes Begin
September 6 (M)	Labor Day Holiday
September 13 (M)	12th Class Day
September 18 (S)	TASP Test Administered
November 13 (S)	TASP Test Administered
November 18 (R)	Last Day to Withdraw with a Grade of "W"
November 25 (R)	Thanksgiving Holidays Begin
November 29 (M)	Classes Resume
December 13-16 (M-R)	Final Exams
December 16 (R)	Semester Closes
December 20 (M)	Grades due in Registrar's office by 10 am
December 23 (R)	College Buildings and Offices Closed for the Holidays at end of workday

## Winter Term, 1999/2000

Contact Colleges for availability and schedules.

## Spring Semester, 2000

Note: Students should register as early as possible. By registering early, students may take full advantage of academic advisement and may have more course options available. Check the colleges for registration times.

January 3 (M)	College Buildings and Offices Open
January 10 (M)	Faculty Reports
January 17 (M)	Martin Luther King, Jr. Day Holiday
January 18 (T)	Classes Begin
January 31 (M)	12th Class Day
March 2 (R)	Dist. Conference Day, Faculty & Admin.
March 3 (F)	Faculty Professional Devel. (TCCTA)
March 5 (S)	TASP Test Administered
March 13 (M)	Spring Break Begins
March 16 (R)	District Conference Day, Prof. Sup. Staff
March 17 (F)	Spring Holiday for All Employees
March 20 (M)	Classes Resume
April 13 (R)	Last Day to Withdraw with a Grade of "W"
April 21 (F)	Holidays Begin
April 24 (M)	Classes Resume
April 29 (S)	TASP Test Administered
May 8-11 (M-R)	Final Exams
May 11 (R)	Semester Closes
May 11 (R)	Graduation
May 15 (M)	Grades due in Registrar's office by 10 am

## May Term, 2000

Contact Colleges for availability and schedules.

## Summer Sessions, 2000

Note: Students should register as early as possible. By registering early, students may take full advantage of academic advisement and may have more course options available. Check the colleges for registration times.

First Summer Session:

(Based on 4 day class week plus 1st Friday)

May 29 (M)	Memorial Day Holiday
June 5 (M)	Classes Begin
June 8 (R)	4th Class Day
June 9 (F)	Class Day (Only Friday class meeting)
June 17 (S)	TASP Test Administered
June 27 (T)	Last Day to Withdraw with a Grade of "W"
July 4 (T)	Fourth of July Holiday
July 6 (R)	Final Exams
July 6 (R)	Semester Closes
July 10 (T)	Grades due in Registrar's Office by 10 am

Second Summer Session:

(Based on 4 day class week plus 1st Friday)

July 13 (R)	Classes Begin
July 14 (F)	Class Day (Only Friday class meeting)
July 18 (T)	4th Class Day
July 22 (S)	TASP Test Administered
August 7 (M)	Last Day to Withdraw with a Grade of "W"
August 15 (T)	Final Exams
August 15 (T)	Semester Closes
August 17 (R)	Grades due in Registrar's office by 10 am

Mini-semesters, flexible-entry classes, and other alternative schedules may be offered between or during regular semester by some of the Dallas County Community Colleges. Please contact individual college schedules for availability.

## Dallas County Community College District Board of Trustees



**Pattie T. Powell**  
Chair



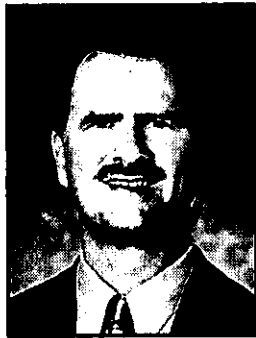
**J. D. Hall**  
Vice Chair



**Kitty Boyle**



**Diana Flores**



**Randy Leake**



**Carla C. McGee**



**Jerry Prater**



**J. William Wenrich**  
Chancellor

## Dallas County Community College District Administrators

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Vice Chancellor of Planning and Development Affairs .....	Bill Tucker
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District Director of Development/Executive Vice President, DCCCD Foundation, Inc. ....	Betheny Reid
Legal Counsel .....	Robert Young
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Executive Director, Educational Partnerships .....	Angie Runnels
Director of Computer Services .....	Joe Ward
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Director of Internal Audit .....	Rafael Godinez
Director of Personnel Services and Development .....	Susan Hall
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Director of Public Information .....	Claudia Robinson
Director of Purchasing .....	Phillip Todd
Director of Resource Development .....	Lyndon McClure
Director of Technical Services .....	Paul Dumont
Director of Workforce Education .....	A. Don Perry

# EASTFIELD COLLEGE

Eastfield College serves the eastern part of Dallas County, including East Dallas, Garland and Mesquite. Sometimes known as the "Educational Village" because of its unique architecture, it is located on 244 acres at the intersection of Interstate 30 and Motley Drive in Mesquite. Eastfield began operation in 1970 and has continually strived to assess the educational and cultural needs of students and the community in order to provide the finest in educational services.

Eastfield provides a full range of academic transfer programs balanced with technical/occupational programs that are designed to equip students for rewarding careers in Metroplex businesses and industries. In addition, thousands of people each semester find rewarding growth opportunities through the extensive continuing education course offerings.

## Mission Statement

The mission of Eastfield College is to provide educational opportunities through high-quality instruction, services and programs in an environment conducive to student success in academic, technical, occupational, and continuing education. Our purpose is to develop responsible citizenship, to value diversity and cultural enrichment, and to be accountable and adaptable in our changing world.

## The Campus

The Eastfield campus rises impressively from the plains of eastern Dallas County. Functional building clusters give students easy access to classrooms and labs and the overall aesthetic effect has earned Eastfield several architectural awards of excellence. The careful landscape planning includes terraced areas throughout the campus, a heated outdoor exercise pool, gymnasium, baseball field, jogging trail and tennis courts. In addition, the campus boasts an outstanding Performance Hall which serves the college and community for a variety of fine arts events.

## Accreditation

Eastfield College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award the Associates degree.

## Institutional Memberships

- The American Association of Community Colleges
- The League for Innovation in the Community College

Eastfield is recognized and sanctioned by the Texas Higher Education Coordinating Board of the Texas College and University System and the Texas Education Agency and is an Affirmative Action Equal Opportunity Institution.

## EASTFIELD COLLEGE ADMINISTRATION

President .....	Rodger A. Pool .....	972-860-7001
Vice President of Business Services .....	Jim Jones .....	972-860-7603
Vice President of Instruction .....	Craig Washington .....	972-860-7196
Vice President of Student & Institutional Development .....	Felix A. Zamora .....	972-860-7610
Dean of Admissions, Advisement & Registration .....	Bobbie J. Trout .....	972-860-7108
Dean of Continuing Education .....	Johnnie Bellamy .....	972-860-7619
Dean of Financial Affairs & Information Systems .....	Marvin Elke .....	972-860-7612
Dean of Resource & Community Development .....	Leon Kilpatrick .....	972-860-8379
Dean of Workforce Education Programs .....	James DuBus .....	972-860-7198
Dean of Instructional Support Services .....	Emma Cronin .....	972-860-7169
Dean of Student Support Services .....	Reva Rattan .....	972-860-7032
Director of Admissions and Registrar .....	Linda Richardson .....	972-860-7105
Director of Appraisal Center .....	Charles E. Helton .....	972-860-7010
Director of College Police .....	Tyler Moore .....	972-860-8333
Director of Facilities Services .....	Arthur Sykes .....	972-860-7688
Director of Human Resources .....	Kate Kelley .....	972-860-7613
Director of Institutional Research .....	Constance Howells .....	972-860-8325
Director of Public Information .....	Sharon Cook .....	972-860-7629
Director of Student Programs & Resources and Health Services .....	Donnine Ballance .....	972-860-7190
ADA Compliance Officer .....	Jim Jones .....	972-860-7603

## INSTRUCTIONAL DIVISION DEANS

Arts and Letters .....	Diane Martin .....	972-860-7132/7124
Business and Information Systems .....	Don Baynham .....	972-860-7119
Communication Arts and Applied Technologies .....	Gerald Kozlowski .....	972-860-7143
Human Development .....	Bobbie J. Trout .....	972-860-7108
Science, Mathematics, and Physical Education .....	Mark W. Presley .....	972-860-7140
Social Sciences and Human Services .....	Richard Cinclair .....	972-860-7156



## EASTFIELD COLLEGE FACULTY AND ADMINISTRATION

<b>Allison, Joe F.</b> .....	Mathematics Stephen F. Austin State College, B.S.; Texas A&M Univ. M.Ed., Ph.D.
<b>Bajackson, Robert E.</b> .....	Journalism Univ. of North Texas, B.A.; East Texas State Univ., M.A.
<b>Bailance, Donnine</b> .....	Director of Health Services Baylor Univ., B.A.; Texas Woman's Univ., M.Ed.; Further study: Amber Univ., East Texas State Univ.
<b>Balvin, Kenneth</b> .....	Physical Education Springfield College, B.S., M.S.; Further study: Ohio State Univ., Azusa Pacific College
<b>Baynham, Don</b> .....	Dean, Business and Information Systems Eastfield College, A.A.S.; Abilene Christian Univ., B.B.A., M.S. Further study: Amber Univ., Univ. of Texas at Dallas; Univ. of North Texas
<b>Bennett, James</b> .....	Developmental Mathematics Univ. of Texas at Austin, B.A.; Univ. of Houston, M.S.; Further study: East Texas State Univ.
<b>Boldt, Chris E.</b> .....	Mathematics Texas Tech Univ., B.B.A.; Texas Christian Univ., M.S.; East Texas State Univ., Ed.D.; Further study: Texas Christian Univ., Univ. of North Texas, Univ. of Texas at Austin, Syracuse Univ., Univ. of Colorado at Boulder, Univ. of Hawaii, Stanford Univ., Ohio Univ.
<b>Bowers, James</b> .....	Developmental Reading Arizona State Univ., B.A., M.A.
<b>Bradshaw, Curt</b> .....	Jazz Northern Iowa, B.S.; Univ. of North Texas, M.M.
<b>Brown, Emmett D.</b> .....	Counselor Univ. of North Texas, B.A., M.Ed.; Further study: El Centro College, Prairie View A&M, Naval School of Photography
<b>Brown, Harryette Stover</b> .....	English Southern Methodist Univ., B.A., M.A.; Further study: Univ. of North Texas, East Texas State Univ., Texas Woman's Univ.
<b>Brumbach, Virginia</b> .....	English Cumberland College, A.A.; Western Kentucky State Univ., B.A.; Baylor Univ., M.A.; Univ. of North Texas, Ed.D.; Post-doctoral, Texas Univ., North Texas Univ., Texas Christian Univ.
<b>Carpenter, Robert W.</b> .....	Accounting Univ. of North Texas, B.B.A., M.B.A.; C.P.A. State of Texas; Further study: Univ. of North Texas, Western State College of Colorado
<b>Carr, Laura V.</b> .....	Interpreter Training Program Illinois State Univ., B.S.; New York Univ., M.A.; Further study: Univ. of Massachusetts, Gallaudet Univ., East Texas State Univ., Univ. of North Texas, Univ. of LaVerne
<b>Cate, Franklin M.</b> .....	History East Texas State Univ., B.A.; Univ. of Virginia, M.A.; Further study: Univ. of Texas, Vanderbilt Univ.
<b>Christian, Allen L.</b> .....	Mathematics Arlington State College, B.S.; East Texas State Univ., M.S.; Univ. of North Texas, Ed.D.
<b>Clinclair, Richard</b> .....	Dean, Social Sciences and Human Services Northern State College, B.S.; Univ. of Wisconsin, M.S.; Ball State Univ., Ph.D.
<b>Clayton, Glenn N., Jr.</b> .....	English Univ. of North Texas, B.A., M.A.; Further study: East Texas State Univ., Univ. of North Texas
<b>Cook, Sharon</b> .....	Director of Public Information Baylor Univ., B.A.
<b>Cronin, Emma</b> .....	Dean of Instructional Support Services Univ. of Oklahoma, B.A.; Univ. of North Texas, M.L.S.; Further study: East Texas State Univ., Texas Woman's Univ., New Mexico Highlands Univ.
<b>Date, Charles W.</b> .....	Electronics Southeastern State College of Oklahoma, B.S.; Southern Illinois Univ., M.S.; East Texas State Univ., Ed.D.
<b>Dennis-Monzingo, Vivian</b> .....	Mathematics East Texas State Univ., B.A., M.S., Ed.D.; Further study: U. of North Texas
<b>DuBus, James W.</b> .....	Dean, Technical Programs Arkansas State Univ., B.S.E., M.S.E.; Further study: Univ. of Missouri-Columbia, Univ. of North Texas, Univ. of Texas-Dallas, Texas A&M-Commerce
<b>Egedigwe, Eges</b> .....	Computer Information Systems Univ. of Ife (Nigeria), B.S.; Atlanta Univ., M.S., M.B.A.; Further study: Michigan State Univ.; Univ. of North Texas
<b>Elke, Marvin</b> .....	Dean of Financial Affairs & Information Systems Abilene Christian University at Dallas, M.S.
<b>Erwin, Robert J.</b> .....	Theatre Univ. of South Florida, B.A.; Univ. of Alberta, M.F.A.; Further study: Paul Mann's Acting Workshop, New York City
<b>Etheredge, John W.</b> .....	Speech Baylor Univ., B.A., M.S.; Further study: Univ. of Houston, Baylor Univ., Texas A&M Univ.
<b>Etheredge, Margaret</b> .....	Counselor Austin College, B.A.; East Texas Univ., M.A.
<b>Farts, Nancy</b> .....	Assistant Director of Admissions Univ. of Oklahoma, B.A.; Southern Methodist Univ., M.L.A.
<b>Felder, Bob</b> .....	Economics Sam Houston State Univ., B.A., M.A.
<b>Flickner, Robert E.</b> .....	Physical Education Bethel College, B.S.; Kansas Univ., M.S.; Further study: DePaul Univ., Chapman Univ., United States Sports Academy, Emporia State Univ.
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<b>Heiton, Charles E.</b> .....	Director of Appraisal Center East Texas State Univ., B.S.; Further study: East Texas State Univ.
<b>Henry, Robert</b> .....	Physical Education Southern Methodist Univ., B.A.; Univ. of Illinois, M.S.; Further study: Univ. of Texas, Univ. of North Texas, East Texas State Univ., Texas Tech Univ., Texas A&M Univ.
<b>Henson, Jerry C.</b> .....	History/Religion Hardin-Simmons Univ., B.A.; Southwestern Baptist Theological Seminary, B.D.; Baylor Univ., Ph.D.
<b>Hill, H. Rayburn</b> .....	Government Paris Junior College, A.A.; East Texas State Univ., B.S., M.S.; Further study: Univ. of Oklahoma, East Texas State Univ.
<b>Holman, Morris H.</b> .....	History East Texas State Univ., B.A., M.A.; Dallas Theological Seminary, M.A.B.S.; Further study: Univ. of North Texas
<b>Howells, Constance</b> .....	Director of Institutional Research Pan American Univ., B.A.; Univ. of Texas at Dallas, M.A.
<b>Hutchins, Michael E.</b> .....	Computer Aided Design & Drafting East Texas State Univ., B.S., M.S., Ed.D.
<b>Jackson, JoAnn</b> .....	Counselor Bishop College, B.A.; Prairie View A&M, M.Ed.; Further study: East Texas State Univ.
<b>Jacquez, Mary Alice</b> .....	Counselor Eastern New Mexico Univ., B.S., M.A.; Further study: Amber Univ., East Texas State Univ.
<b>James, Irene</b> .....	Continuing Education Program Director Univ. of Texas at Dallas, B.A.
<b>Jeffus, Larry</b> .....	Air Conditioning and Refrigeration Hwassee College, A.A.; Univ. of Tennessee, B.S.; Further study: Univ. of Tennessee
<b>Jenkins, Curt</b> .....	Automotive Technologies Program Director Univ. of Texas at Dallas, B.S.; Texas A&M Univ. at Commerce, M.S.
<b>Jensen, Denis H.</b> .....	English as a Second Language Univ. of Illinois, B.A.; Teacher's College, Columbia Univ., M.A.
<b>Jessen, Joel A.</b> .....	Counselor Univ. of Iowa, B.A., M.A.
<b>Joseph, Betsy</b> .....	English Univ. of North Texas, B.A.; Univ. of North Texas, M.A.
<b>Jurhee, Stacey</b> .....	Government El Centro College, A.S.; Eastern New Mexico Univ., B.S., M.A.; The Ohio State Univ., M.A.; Clark Atlanta Univ., Ph.D.
<b>Keenan, Donnelle</b> .....	Management Univ. of North Carolina at Chapel Hill, B.A.; Univ. of Oklahoma, M.Ed.; Further Study: Appalachian State Univ., Univ. of North Texas, Univ. of Oklahoma
<b>Kelley, Kate</b> .....	Director of Human Resources Univ. of Mary Hardin-Baylor, B.S.; Further study: Univ. of Mary Hardin-Baylor, Institute for Applied Management and Law
<b>Kilpatrick, Leon</b> .....	Dean of Resource & Community Development Langston Univ., B.A.; Univ. of Central Oklahoma, M.Ed.; Texas Southern Univ., Ed.D.
<b>Kirkpatrick, James Michael</b> .....	Computer Aided Design & Drafting Oklahoma City Univ., B.I.A.; Univ. of North Texas, M.Ed., Ed.D.
<b>Knight, Carl E.</b> .....	Biology Michigan State Univ., B.S., M.S., Ph.D.
<b>Kozlowski, Gerald</b> .....	Dean, Communication Arts and Applied Technologies Eastfield College, A.A.S.; Univ. of North Texas, B.A.; East Texas State Univ., M.S.; Further study: Univ. of North Texas; Spanish Language Institute
<b>Latham, Jim</b> .....	Auto Body Technology East Texas State Univ., B.A.; Further study: East Texas State Univ., Texas A&M Univ.
<b>Leos, Camilo</b> .....	Developmental Mathematics Univ. of Texas at Austin, B.A.; Southern Methodist Univ., M.L.A.

- Leslie, Rose A.**.....Developmental Writing  
Shortwood College (Jamaica), Teaching Certificate;  
Southern Methodist Univ., B.A., M.A.; Univ. of North Texas, M.L.S.;  
Kellogg Institute, Appalachian State Univ.,  
Developmental Education Specialist
- Lucky, Harrell C.**.....Music  
Southern Nazarene Univ., B.M.Ed.; Southwestern Baptist Seminary,  
M.C.M., D.M.E.; Further study: Academy of Music, Vienna, Austria
- Maddox, Sherry**.....Digital Imaging Program Director  
Texas State Technical College, A.A.S.
- Madriguera, Enric F.**.....Music  
Oscar Espla Conservatory of Music, Spain, Diploma; Univ. of Texas at  
Dallas, M.A., Ph.D.; Further study: Royal Conservatory, Madrid and  
NEH Fellow at Univ. of Kentucky, Lexington
- Martin, M. Diane**.....Dean of Arts and Letters  
Univ. of North Texas, B.A.; California State College at Fullerton, M.A.;  
Univ. of Texas at Austin, Ph.D.
- Massey, Aaron W.**.....Counselor  
Southwest Texas State, B.S.; East Texas State Univ., M.S.;  
Further study: East Texas State Univ., Univ. of North Texas,  
Abilene Christian Univ., Texas A&M Univ.
- Mathus, Don L.**.....Physical Education  
South Plains College, A.A.; Texas Tech Univ., B.S., M.S.;  
Further study: Univ. of North Texas
- Maxwell, Rick**.....Art  
Univ. of Dallas, B.A.; Southern Methodist Univ., M.F.A.
- McCoy, David L.**.....Photography  
Southeastern State College of Oklahoma, B.A.; East Texas State  
Univ., M.S., Ed.D.
- McMahon, Jerry D.**.....Chemistry  
Texas Tech Univ., B.S.; Princeton Univ., M.A.
- Mewhinney, Christina E.**.....Chemistry  
Mary Washington College of the Univ. of Virginia, B.S.; Texas Woman's  
Univ., M.S.; Further study: Univ. of Texas at Dallas, Univ. of North Texas
- Montgomery, Carole**.....Program Director, Continuing Education  
Univ. of Northern Colorado, B.S., M.S.
- Moorhead, Michael**.....English  
Texas Tech Univ., B.A., M.A.; Further study: Texas Tech Univ.
- Morris, Michael**.....English  
East Texas State Univ., B.A.; East Texas State Univ., M.A.
- Mosby, Larry**.....Computer Aided Design & Drafting  
Prairie View A&M, B.S.; Univ. of North Texas, M.S.; Further study:  
Univ. of Texas at Austin
- Mouloudous, Pierrette M.**.....Piano  
Performer's Certificate, Ecole Normale de Musique;  
Southern Methodist Univ., M.M.
- Neli, Mary Lou**.....English  
Texas Christian Univ., B.A.; Univ. of Dallas, M.A.;  
Further study: Univ. of Dallas
- Palmer, Ursula**.....Psychology  
Salve Regina College, B.A.; Univ. of Arizona, M.S.;  
East Texas State Univ., Ed.D.
- Penney, Jane A.**.....Sociology  
East Texas State Univ., B.S., M.S.
- Phillips, Jim G.**.....Counselor  
East Texas State Univ., B.A., M.A., Ed.D.;  
Further study: Univ. of North Texas
- Piffardi, Ana M.**.....Spanish  
Pan American Univ., B.A., M.A.; Further studies: Univ. of Texas  
at Arlington, Univ. of Texas at Dallas
- Pool, Rodger A.**.....President  
New Mexico State Univ., B.S., M.A., Ed.D.
- Porembski, Walter**.....Program Director, Continuing Education  
Art Center College of Design, Los Angeles, C.A., B.F.A.;  
Univ. of Texas at Dallas, M.A., M.B.A.
- Prado, Maria**.....English as a Second Language  
Pontifical Catholic Univ. of Puerto Rico, B.A., M.Ed.
- Presley, Mark W.**.....Dean, Science, Mathematics, and Physical Education  
Franklin & Marshall College, A.B.; Univ. of Montana, M.S.; West Virginia  
Univ., Ph.D.
- Preston, David E.**.....Computer Information Systems  
East Texas State Univ., B.S., M.S.; Univ. of North Texas, Ed.D.
- Purdy, Earlyne**.....Office Technology  
Univ. of North Texas, B.S.; East Texas State Univ., M.S.;  
Further study: Univ. of North Texas
- Rattan, Reva O.**.....Associate Dean of Student Support Services  
Univ. of Texas Health Science Center at Dallas, B.S.
- Rawlins, John Clayton**.....Electronics  
Southern Methodist Univ., B.S.E.E.; East Texas State Univ., M.S.Ed.
- Richardson, Douglas M.**.....Management  
Univ. of North Texas, B.B.A., M.B.A.; Further study: East Texas State  
Univ. of North Texas
- Richardson, Linda**.....Director of Admissions and Registrar  
Univ. of North Texas, B.A.; Amber Univ., M.S.
- Robinson, Yvonne**.....Computer Information Systems  
Univ. of the District of Columbia, B.S.; Univ. of North Texas, M.B.E.;  
East Texas State Univ., Ed.D.
- St. Clair, Anita J.**.....Office Technology  
Abilene Christian Univ., B.S.E.; Univ. of North Texas, M.B.E.;  
Further study: Southern Methodist Univ., Univ. of North Texas,  
East Texas State Univ.
- Schmitt, Allan B.**.....Developmental Mathematics  
Univ. of Texas at Austin, B.E.S., M.S.E.E., Ph.D.E.E.
- Scott, Ray R.**.....Physics  
Univ. of North Texas, B.A.; East Texas State Univ., M.S.;  
Purdue Univ., M.S.; Further study: East Texas State Univ.
- Scott, Sandra Saucedo**.....Child Development  
Texas Woman's Univ., B.A., M.A.
- Sharp, Robert G.**.....American History  
Whitworth College, B.A.; Purdue Univ., M.A.; Further study:  
Univ. of Denver, Univ. of New Mexico
- Sherrill, Theodore B., III**.....Biology  
Lamar State Univ., B.S.; East Texas State Univ., M.S.; Further study:  
Southern Methodist Univ., Univ. of North Texas, East Texas State Univ.
- Shilling, Gerald**.....Economics  
Univ. of Central Oklahoma, B.B.A.; Univ. of Dallas, M.B.A.
- Smith, Marylee Bea**.....Business  
Univ. of North Texas, B.B.A., M.B.E.; Further study: East Texas  
State Univ., Univ. of North Texas
- Streeter, C. Allen**.....Engineering  
Louisiana State Univ., B.S., M.S.; Further study: Southern Methodist  
Univ., Professional Engineer Registration
- Streng, Adolph C., Jr.**.....Psychology  
Texas Lutheran College, B.A.; Wartburg Seminary, M.Div.; The Univ. of  
Chicago, M.A.; Roosevelt Univ., M.A.; Further study: Univ. of Maine,  
Iowa State Univ., Univ. of Colorado
- Swindling, James A.**.....Developmental Reading  
Daytona Beach Community College, A.A.; Florida State Univ., B.A., M.S.;  
Further study: Univ. of Nevada, East Texas State Univ.
- Sykes, Arthur**.....Director of Facilities Services  
Bowling Green Univ., B.A.; Further study: Governors State Univ.,  
Kansas State Univ., California Coast Univ.
- Terrell, Gloria**.....Social Work/Substance Abuse  
Jackson State Univ., M.A.; Alcorn State Univ., B.A.
- Thorne, John M.**.....Computer Information Systems  
East Texas State Univ., B.B.A., M.B.A.; Further study: Univ. of Oklahoma
- Thornton, Carolyn**.....Social Work  
Univ. of Cincinnati, B.A.; East Texas Univ., M.S.
- Trout, Bobble**.....Dean of Admissions, Advisement & Registration  
Univ. of Texas at Austin, B.A.; Univ. of Texas at Dallas, M.A.
- Washington, Craig S.**.....Vice President of Instruction  
Indiana State Univ., B.S., M.S.; Univ. of Massachusetts, Ed.D.
- Weaver, Gayle M.**.....Biology  
East Texas State Univ., B.S., M.S.; Univ. of Oklahoma, M.S.; East Texas  
State Univ., Ph.D.; Further study: Oak Ridge Institute of Nuclear Studies
- Whitsant, Robert A., Jr.**.....Humanities  
Univ. of South Florida, B.A., M.A.; Further study: East Texas State Univ.
- Wilson, S. Neal**.....Program Director, Continuing Education  
Abilene Christian Univ., B.S.; East Texas State Univ., M.S.
- Windrow, Kathy**.....Art and Art History  
Southern Methodist Univ., B.F.A., M.F.A., M.A.
- Winn, Jerry M.**.....Developmental Mathematics  
Oklahoma Univ., B.S.E.E.; Southern Methodist Univ., M.S.
- Wisdom, Hardy**.....Auto Body Technology  
Univ. of North Texas, B.A.
- Wyatt, Susan Skinner**.....Child Development  
Texas Woman's Univ., B.S., M.S., Ph.D.
- Zamora, Felix A.**.....Vice President of Student & Institutional Development  
School for International Training, B.I.S.; Southern Methodist  
Univ., M.P.A.

## I. GENERAL INFORMATION

### History of the Dallas County Community College District

The Dallas County Community College District is comprised of seven colleges located strategically throughout Dallas County. Together the colleges enroll approximately 50,000 credit and 45,000 non-credit students per long semester and employ over 2,000 full-time faculty and staff members.

The growth of the District into an educational system with such impact was not by chance. In May, 1965, voters created the Dallas County Junior College District and approved a \$41.5 million bond issue to finance it. The next year the District's first college, El Centro, began operation in downtown Dallas. Eastfield and Mountain View Colleges enrolled their first students in 1970, and the plans for a multi-campus district became a reality. Richland College became the District's fourth college in 1972.

The voters of Dallas County approved the sale of an additional \$85 million in bonds in September, 1972. This step provided for expansion of the four existing colleges and the construction of three more colleges. A key part of the expansion program was the remodeling and enlarging of El Centro College, a project completed in 1979. Construction of new facilities resulted in the opening of Cedar Valley College and North Lake College in 1977. Brookhaven College, the final campus in the seven college master plan, opened in 1978.

In 1989, the Bill J. Priest Institute for Economic Development opened south of downtown Dallas. Named for the DCCCD's founding chancellor, the BJPIED serves the community through the Business and Professional Institute, Edmund J. Kahn Job Training Center, Small Business Development Center, Center for Government Contracting, Business Incubation Center and International Trade Resource Center.

### Mission of the Dallas County Community College District

The mission of the DCCCD is to equip students for successful living and responsible citizenship in a rapidly-changing local, national and world community. We do this by providing accessible, accredited, affordable, cost-effective, quality educational opportunities for development of intellectual skills, job skills, personal growth and/or transfer to a baccalaureate program. In fulfilling our purpose, we further cultural, economic and workforce development in the communities we serve.

### District Philosophy and Goals

Since 1972, the District has been known as the Dallas County Community College District. The name shows that the District has outgrown the term "junior college." The name also reflects the District's philosophy. The colleges truly are community institutions, meeting the varied educa-

tional needs of the growing Dallas County region. The primary goal of the District and its colleges is to help students of all ages achieve effective living and responsible citizenship in a fast-changing region, state, nation and world. Each college is therefore committed to providing a broad range of educational programs for the people it serves.

The needs, abilities and goals of each student are considered important. The focus is on creating an educational program for the individual rather than squeezing or stretching the individual to fit an "educational mold."

The Dallas County Community Colleges and the Bill J. Priest Institute for Economic Development are teaching, learning, community-building institutions.

To fulfill the public trust the DCCCD:

- offers a student guarantee to the institutions and employers receiving its graduates;
  - measures its collective and individual behaviors against a code of ethics and a statement of organizational values;
  - makes decisions through a line organizational structure which receives input from those most affected by the decisions;
  - strives to provide its services with revenues of:
    - no more than 20% from student tuition
    - no more than 30% from local taxes; and
    - a minimum of 50% from the State;
  - seeks to maintain the highest possible credit ratings;
  - views itself as a team player in the local community of educators, business people, elected officials and other community leaders; and
  - sees its role as a weaver of a seamless fabric of educational opportunity for the people of Dallas County. As a major employer, the DCCCD:
    - follows open search procedures which solicit the best available candidates for positions and which will provide a balanced workforce which reflects the ethnic composition of the adult workforce in Dallas County;
    - involves those most directly affected by hiring decisions in the candidate review process; and
    - seeks to assure that competent performers do not lose real compensation through inflation.
- In its organizational culture, the DCCCD:
- places ultimate value on student success;
  - applies the principles of continuous quality improvement to achieve student success; and
  - uses technology not only to teach distant learners, but also to educate, train and retool both its students and its employees.

How do the colleges meet the educational needs of such a varied family? The answer is found in four categories of programs:





1. For the student working toward a bachelor's or higher degree, the colleges offer a wide range of first-year and second-year courses which transfer to senior colleges and universities.

2. For the student seeking a meaningful job, the colleges offer one-year and two-year programs in technical and occupational fields.

3. For the employed person wishing to improve job skills or to move into a new job, the colleges offer credit and non-credit adult educational courses.

4. For the person who simply wants to make life a little more interesting, the colleges offer continuing education programs on cultural, civic and other topics.

Additional programs are available for the high school student, dropouts and others with special needs. The colleges help each student design the educational program that best meets individual needs. Every student is offered advisement to define goals and identify abilities. Continued guidance is available throughout the student's college career in case goals and plans change. This emphasis on advisement, rare for some institutions, is routine at all District colleges.

### **District Responsibilities**

To carry out the District philosophy, the colleges obviously must offer a wide range of programs and courses, including guidance services. These programs and courses must help each individual attain a high level of technical competence and a high level of cultural, intellectual and social development. In addition, high professional standards for the academic staff must be maintained within a framework prescribed by the Board of Trustees. At the same time, the program and organization of each college must make maximum use of faculty and facilities.

The colleges have a basic responsibility to provide educational and cultural leadership to the community. They must be sensitive to changing community needs and adapt readily to those needs. Individuals capable of continuing their educational development should be given the opportunity to improve their skills. Finally, to continue to meet its responsibilities in changing times, the college system must guard against stagnation. Creativity and flexibility are therefore fostered at the District level and at each college.

### **League for Innovation**

The Dallas County Community College District is a member of the League for Innovation in the Community College. The League is composed of 19 outstanding community college districts throughout the nation. Its purpose is to encourage innovative experimentation and the continuing development of the community college movement in America. Membership commits the District to research, evaluation and cooperation with other community college districts. The goal is to serve the community with the best educational program and the fullest use of resources.

### **Equal Educational And Employment Opportunity Policy**

The Dallas County Community College District is

committed to providing equal educational and employment opportunity regardless of sex, race, color, religion, age, national origin or disability. The District provides equal opportunity in accord with federal and state laws. Equal educational opportunity includes admission recruitment, extra-curricular programs and activities, access to course offerings, counseling and testing, financial aid, employment, health and insurance services and athletics. Existing administrative procedures of the College are used to handle student grievances. When a student believes a condition of the College is unfair or discriminatory, the student can appeal to the administrator in charge of that area. Appeals to a higher administrative authority are considered on the merits of the case.

### **Family Educational Rights and Privacy Act Of 1974**

In compliance with the Family Educational Rights and Privacy Act of 1974, the College may release information classified as "directory information" to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone number, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports (7) dates of attendance, (8) educational institution most recently attended and (9) other similar information, including major field of study and degrees and awards received.

A student may request that all or any part of the directory information be withheld from the public by giving written notice to the Registrar's Office during the first 12 class days of a fall or spring semester or the first four class days of a summer session. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged; all requests must be made in person. No transcript or academic record is released without written consent from the student, except as specified by law.

### **Student Consumer Information Services**

Pursuant to the Educational Amendment of 1980, Public Law 96-374, the College provides all students with information about its academic programs and financial aid available to students.

### **Standard Of Conduct**

The college student is considered a responsible adult. The student's enrollment indicates acceptance of the standards of conduct published in this catalog.

If students are unable to complete the course (or courses) for which they have registered, it is their responsibility to withdraw formally from the course (or courses) for which they have registered. Failure to do so will result in their receiving a performance grade, usually an "F."

### **Accreditation**

Details and procedures relating to the review of accreditation, approval, and various licensing documents are available through the administrative offices located on each campus.

## II. IMPORTANT TERMS AND ABBREVIATIONS

**Academic advisor:** A member of the college staff who helps students set educational goals and select courses to meet those goals.

**Add:** During any single semester, to enroll in additional course(s) after registration.

**Admission:** Formal application and acceptance as a credit student. A person wishing to enroll must complete an application, be accepted and receive a letter of acceptance from the Registrar before registering.

**Audit:** Enrollment in a credit course without receiving academic credit.

**Catalog:** The book containing course descriptions, certificate and associate degree requirements, and general information.

**Class schedule:** A booklet which is published prior to each semester listing classes, sections, dates, times, instructors' names and meeting places. This booklet is used by students in preparing personal class schedules each semester.

**Common Course Numbers:** Beginning in the Fall of 1995, the Common Course Number became the official number of the course. This same Common Course Number is being used for the same course by a number of colleges throughout Texas to help students identify how a course will transfer. However, the lack of a Common Course Number does not necessarily mean a course will not transfer.

**Common Learning:** "General Education" as defined by the DCCCD. Common Learning courses contain learning experiences which provide knowledge and skills necessary for living well and functioning competently in rapidly-changing local, state, national and world communities.

**Concurrent enrollment:** (a) Enrollment by the same student in two different DCCCD colleges at the same time; (b) Enrollment by a high school student in one of the DCCCD colleges while still enrolled in high school; (c) Enrollment by a student in two courses in the same semester; (d) Enrollment in both a DCCCD institution and another college at the same time (e) Enrollment in both credit and Continuing Education courses at the same time.

**Core:** 48 hours which a student must successfully complete in order to receive an

Associate of Arts and Sciences Degree

**Course Load:** The number of hours or courses in which a student is enrolled in any given semester.

**Credit:** The numerical value assigned to a course (see "CREDIT HOURS/SEMESTER HOURS").

**Credit hours/semester hours:** The unit of credit earned for course work. Each college course is worth a certain number of credit or semester hours. This number is determined by the type of class and the number of hours per week it meets. For example, a 3-credit hour class (English, history, etc.) meets 3 hours per week during the fall/spring semester; a 4-credit-hour class (science, languages, etc.) meets 6 hours per week. Check the catalog or the current class schedule for the value of any course you wish to take.

**Credit/non-credit:** Credit classes are those which award academic credit and may apply toward a degree. Non-credit classes do not apply toward a degree and are usually offered through Continuing Education.

**DCCCD:** Dallas County Community College District comprised of Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake, and Richland Colleges, plus the Bill J. Priest Institute for Economic Development and The LeCroy Center.

**Developmental Studies Courses:** Courses which develop prerequisite skills in reading, writing and mathematics. Because of the nature of these courses, the credit earned will not count toward graduation requirements and may not be transferred to colleges outside the DCCCD.

**Distance Learning:** Classes which are delivered to students through television, the Internet, or other types of technology.

**Drop:** The act of officially withdrawing from a particular course without penalty before a specified date. See the calendar at the first part of this catalog for "Last Day To Withdraw." It is the student's responsibility to drop a course by the date published.

**Dual credit:** Credit earned for both high school and college via concurrently enrolled high school students.

**Electives:** Courses which do not count toward a major but are required for most college degrees. Electives are selected for personal interest, skill development, or to increase one's knowledge or understanding. Consult with an advisor before deciding upon electives.

**Fee:** A charge, in addition to tuition charges, which the college requires for services.

**Flexible-entry course:** A course beginning and ending on dates which are different from the regular semester. This is also referred to as "flex-entry" or "short semester registration." Consult the class schedule for further information.

**Former student:** One who has attended a DCCCD college in the past year.

**Full-time student:** A student who is enrolled for at least 12 credit hours during a semester or for 6 credit hours during a summer session. The student may be enrolled in one or more DCCCD colleges as long as the total number of hours meets the full-time requirement.

**GPA:** Grade Point Average. Two different ways of computing a GPA are utilized. For further explanation, see catalog section entitled "Scholastic Standards."

**Grade points:** See catalog section entitled "Scholastic Standards."

**Grades:** See catalog section entitled "Scholastic Standards."

**Lab hours:** The number of hours a student spends each week in a laboratory or other learning environment.

**Lecture hours:** The number of hours a student spends each week in a classroom other than a laboratory.

**Major:** The subject or field of study in which the student plans to specialize. For example, one "majors" in Automotive Technology, Business, etc.

**Part-time student:** A student who is enrolled for less than 12 credit hours during a semester or less than 6 credit hours in a summer session. The student may be enrolled in one or more DCCCD colleges as long as the total number of hours meets the part-time requirement.

**Performance grade:** A grade of A, B, C, D or F. This does not include the grades of W, I, E or WX. See catalog section on "Academic Information" for more on grades and grade point averages.

**Prerequisite:** A requirement which must be met BEFORE enrolling for a specified course. For example, the prerequisite for English 1302 is the successful completion of English 1301. A prerequisite may be another course (high school or college), an appropriate assessment score, or permission of the instructor.

**Probation:** A warning for a student whose academic work or behavior is unsatisfactory. Students on academic probation may be suspended if their academic performance does not improve.

**Registration:** The official process for enrolling in courses. This involves selecting classes with the help of an advisor, completing all registration forms and paying fees. Check the class schedules for registration dates.

**Registration Number:** A number indicating the course, day/evening, hour, room number and name of instructor for a particular course.

**Semester:** A term denoting the length of time a student is enrolled in a specific course. For example, there are two long semesters (Fall and Spring) which last approximately 16 weeks. There are two summer sessions or "semesters" (Summer I and Summer II) which last approximately 52 weeks.

**Skills for Living:** Skills needed for living well with oneself, others and changing environments. Skills for Living are discussed and learned throughout the curriculum and provide basic goals for all Common Learning courses.

**Student services fee:** A fee for activities and services to students, which are considered separate and apart from the regularly scheduled academic functions of the college. Such activities and services include, but are not necessarily limited to, the following: health services, recreational activities, automobile parking privileges, intramural and intercollegiate athletics, artists and lecture series, cultural entertainment series, student publications, and/or student clubs/government.

**TASP:** Texas Academic Skills Program; see special section in this catalog about this testing program.

**Technical/occupational courses:** Courses which lead to a certificate or Associate of Applied Science Degree in a technical or occupational program. These courses are designed to aid the student in developing entry-level skills to be utilized in the job market. Consult an advisor regarding transferability if you plan to attend a four-year institution.

**Tech-Prep:** An educational process where the DCCCD and the public high school districts cooperatively develop and implement a planned sequence of course work to prepare students for technologically advanced careers. Tech Prep programs are endorsed and approved by The Texas Education Agency (TEA) and The Texas Higher Education Coordinating Board (THECB). Through the Tech Prep process students earn college credit while in high school and advance to college programs after graduation.

**Telecourses:** Courses providing flexibility and convenience

for students seeking college credit with minimum campus visits. Students watch the course television programs at home on regular broadcasts or cablecasts, complete the study guide and reading assignments, take tests on campus and attend optional discussion meetings. Instructors are available during regular office hours or via telephone when assistance is needed.

**Transfer courses:** Courses which are designed to transfer to other colleges and universities. Students need to consult with an advisor or counselor about the transferability of specific courses. Because a course will transfer does not mean it will apply toward a specific major or degree at a four-year college or university.

**Transcript:** An official copy of a student's academic record which can be obtained through the Admissions Office. An official transcript must have the seal of the college affixed and the signature of the Registrar.

**Withdrawal:** The act of ending enrollment in classes. A student withdrawing must go through a formal procedure. It is the student's responsibility to withdraw officially by the appropriate date. See the calendar in this catalog or the class schedule for the "Last Day to Withdraw."

### III. ADMISSIONS AND REGISTRATION

#### General Admissions Policy

The College has an "open door" admissions policy. It ensures that all persons who can profit from post-secondary education have an opportunity to enroll. Unless an admitted student is TASP exempt, prospective students must present TASP (Texas Academic Skills Program) scores or take the college assessment tests. Assessment is not used to determine admission except for students wishing to enroll in "special admissions" programs.

#### Admission Requirements

Documentary evidence of Texas residency must be provided by all applicants claiming Texas residence and requesting resident tuition classification. This evidence must be submitted with the application for admission and must prove twelve (12) months of Texas residency immediately prior to the semester of enrollment. Failure to provide evidence will result in an applicant being classified as a non-resident for tuition/fee purposes. Contact the Admissions Office for specific information detailing required documentation.

It is recommended, although not required, that all prospective students have adequate immunization for diphtheria, rubeola, rubella, mumps, tetanus and poliomyelitis. Health-related programs may require specific immunizations prior to admission. Information is provided at orientation sessions for health-related programs.

#### Beginning Freshmen

Students enrolling in college for the first time who fit one of the following categories may apply for admission:



- A. Graduates from accredited high school;
- B. Graduates of an unaccredited high school who are 18 years of age or older;
- C. Those who have earned a General Education Diploma (G.E.D.);
- D. Those who are at least 18 years of age and who do not have a diploma or G.E.D. may be admitted by individual approval;
- E. Those who are under the age of 18, are no longer enrolled in high school of any kind, and who do not have a diploma nor a G.E.D. may be admitted by one of the following:
  - (1) Written recommendation of the principal or superintendent of the last high school attended, or
  - (2) On the basis of completion of the college's assessment program or TASP with the results indicating the student has the ability to benefit from the college's curricular offerings.
- F. Those who are under the age of 18, did not graduate from an accredited school, but who graduated from a non-accredited high school, or were schooled in a non-traditional setting (i.e., home-schooled) may be admitted by meeting all of the following conditions:
  - (1) Written recommendation of the principal or superintendent of the last school attended, or on the basis of completion of the college's assessment program or TASP with the results indicating the student has the ability to benefit from the college's curricular offerings;
  - (2) Present a notarized record of the high school equivalent work completed and the date of successful completion; and
  - (3) Agree to limitations on conditions of admission established by the college.
- G. Admitted students must present TASP scores or take the college assessment program prior to registration.

### **Students Concurrently Enrolled in High School and the DCCCD**

Students still enrolled in high school may be admitted under the following conditions:

- A. Students who have completed their junior year in an accredited high school may be admitted upon the written recommendation of the high school principal and must present scores on TASP or the college assessment program with results indicating the ability to complete college-level work. Such students may take no more than two courses each semester.
- B. Students who have not completed their junior year at an accredited high school may be admitted upon meeting all the following conditions:
  - (1) The written recommendation of the high school principal;
  - (2) Presentation of scores on the TASP or college assessment program which indicate the student has the ability to complete college-level work;

(3) Approval of the Vice President of Instruction or designate. Such students may take no more than two courses each semester. However, students meeting specific conditions may be permitted to enroll for three courses.

- C. Students who are enrolled in non-accredited high schools or schooled in a non-traditional setting (i.e., home-schooled) and who have completed the equivalent of the junior year (16 units) in high school may be admitted by meeting all the following conditions.
  - (1) Provide a notarized record of the school subjects completed (consistent with the Texas Education Agency minimum requirements);
  - (2) Presentation of scores on TASP or college assessment program with results indicating the ability to do college-level work;
  - (3) Agree to limitations on conditions of admission. Students may take no more than two courses each semester. However, students meeting specific conditions may be permitted to enroll for three courses.
  - (4) Approval of the Vice President of Instruction or designate.
- D. Students who are enrolled in non-accredited high schools or schooled in a non-traditional setting (i.e., home-schooled) and have not completed the equivalent of the junior year (16 units) in high school may be admitted by meeting all the following conditions:
  - (1) Provide a notarized record of the school subjects completed (consistent with the Texas Education Agency minimum requirements);
  - (2) Presentation of scores on the TASP or college assessment program with results indicating the ability to do college-level work;
  - (3) Agree to limitations on conditions of admission. Students may take no more than two courses each semester; and
  - (4) Approval of the Vice President of Instruction or designate.
- C. High school students may enroll in remedial courses only if a contract for such services exists between the colleges and the school.

### **High School Students Enrolled in Dual Credit Programs**

Dual Credit Programs are instructional partnerships approved by the governing boards or designated authorities of both the public school district or private secondary school and the DCCCD where instructional concurrent course credit is provided to high school students for the awarding of both high school and college certificate and associate degree credit.

#### *Student eligibility requirements:*

- (1) To enroll in courses of an associate degree or level two certificate (TASP eligible) program, the high school student must present a passing score on TASP or the approved alternate-assessment in at least one area (reading, writing, or math) as deemed applicable by the college for the intended course

in which the student wishes to enroll. Students who are exempt from TASP are also exempt for purposes of concurrent course credit.

- (2) All sections of TAAS must have been passed by students wishing to enroll in concurrent credit classes.
- (3) Students in private or home-schools must meet #1 above.
- (4) High school students are generally limited to enrollment in two concurrent courses per semester. Such students may be permitted to enroll in more than two courses if recommended to do so by the high school principal AND under one of the following conditions:
  - (a) Achieve a minimum GPA of 3.00 on at least two college courses taken in previous semesters; or
  - (b) Proof of having passed all sections of TASP or alternate assessment; or
  - (c) Proof of eligibility to be TASP exempt based upon TAAS, ACT, or SAT as approved by the Texas Higher Education Coordinating Board. (Note: these scores often are altered by the THECB and the currently approved scores must be utilized.)
- (5) High school students must meet all appropriate admissions criteria to the college.
- (6) High school students must fulfill all prerequisite requirements to enrolling in a concurrent credit course.

#### **Transfer Students**

An applicant is eligible for admission for enrollment from an accredited collegiate institution as defined in the "Transfer of Credit" section of the catalog and must meet the following conditions:

- A. Present a complete transcript bearing impression of seal and signature of college/university official of each institution attended. Transcripts should be submitted before enrollment of the semester in which the student first enrolls and should include the previous admission record and evidence of honorable dismissal. Students not submitting transcripts prior to enrollment can be blocked from a number of courses which require taking certain prerequisites. Transcripts received become the permanent property of the college. Recipients of baccalaureate and/or graduate degrees from accredited colleges and universities may submit a copy of a college/university diploma in lieu of transcripts. A student transferring from another collegiate institution is not at liberty to disregard his/her collegiate record by applying as a beginning student. The college reserves the right to review academic credentials and/or transcripts from other higher education institutions for purposes of evaluating the acceptability of credits. An applicant who fails to report all accredited college/university course

work will be subject to disciplinary action (including expulsion) and possible loss of credit for subsequent course work taken at the college.

- B. Meet the minimum academic standards of the college. If an applicant on enforced scholastic withdrawal or suspension from another institution meets the minimum academic standards of the college, the applicant may petition for admission to the Admissions Committee of the college. Admission may be provisional and enrollment may be limited as to credit hours and course work.
- C. After being admitted, meet all TASP requirements as shown below.
  - (1) Transfers from other Texas public college/universities and who are not TASP exempt must present TASP scores or scores for the college=s assessment program if they wish to enroll in any college-level coursework; and
  - (2) Transfers from private and/or out-of-state colleges/universities who are not TASP exempt, must present TASP scores or college assessment scores.

#### **Former Students**

Students formerly enrolled in the Dallas County Community College District must update their application for admission to any District college. Students with unsettled financial debts or whose record is blocked for any other reason at any District college will not be allowed to register until the record is cleared.

#### **Academic Forgiveness Policy**

In keeping with SB1321 passed into legislation in 1993, any state resident may elect not to have the college utilize college credits on courses which are ten (10) years or older. Should the student elect this option, no college courses or credits ten (10) years or older will be evaluated for credit. Students may not selectively choose courses ten (10) years or older to be utilized. This provision does not relieve students from notifying the college of attendance at previous institutions nor of the need to submit transcripts indicating all previous course work attempted. Students electing this option must notify the Office of the Registrar upon submission of application for admission.

#### **International Students**

The College is authorized under federal law to enroll non-immigrant students carrying valid visas. International students are admitted once all admission requirements are complete. All International Students seeking F-1 visa status must:

1. Contact the institution to request international student admission information;

2. Provide official TOEFL (Test of English as a Foreign Language) score of 530 or higher on the paper/pencil version or TOEFL score of 197 or higher on the computerized version to meet the English proficiency requirement and be considered for academic credit. Students who meet one of the following criteria will be excused from the TOEFL requirement:
    - A. A graduate of accredited U.S. college or university;
    - B. A native speaker of English from a country in which English is the primary language of the majority as documented by the Cambridge Encyclopedia of Languages. (See international admissions advisor for list of approved countries.)
    - C. An institutional TOEFL score of 530 or higher on the paper/pencil version or TOEFL score of 197 or higher on the computerized version from the University of North Texas or the University of Texas at Arlington may be substituted for the TOEFL;
    - D. Prospective students who document completion of the final level of an Intensive English Language Program which is approved by the DCCCD through an established agreement.

Upon admission, all international students are required to complete DCCCD assessment for academic advisement and placement. If adequate English proficiency is not demonstrated through this assessment, placement in additional English language courses will be required.
  3. Show documented evidence of sufficient financial support for the academic year;
  4. Enroll in the DCCCD F-1 International Student Medical Benefits Plan or provide documentation of adequate health insurance coverage approved by the international admissions advisor. Insurance benefits must cover the duration of study at the institution. International students who do not maintain required insurance will be withdrawn from college.
  5. Provide written proof of negative tuberculin skin test or chest X-ray, diphtheria/tetanus immunizations taken within the last ten years, measles and rubella vaccines taken since January 1, 1968, and polio immunization if the student is under nineteen years of age;
  6. Submit official transcripts from each college or university previously attended with a minimum of "C" average;
  7. Fulfill all admission requirements before the deadline designated by the College for international students and receive approval for admission from international admissions advisor.
- Upon admission, students must present all original immigration documents including a valid visa (I-94 arrival/departure record) and unexpired passport to

be copied and kept on file.

F-1 students must receive and secure the Form I-20AB from each new school attended. F-1 students must enroll in a minimum of 12 credit hours and maintain full-time enrollment during each regular semester in order to maintain visa status.

After admission, international students will need to present TASP scores or take the college assessment program. In addition to the requirements stated above, international students wishing to transfer from another U.S. institution must also:

1. Present documentation indicating valid non-immigrant status;
2. Provide official transcripts or documented proof verifying that the student is "in-status" and has been pursuing a full course of study during the term immediately preceding the transfer from the institution last authorized by INS for attendance. International students are subject to the requirements of the Texas Academic Skills Program (TASP).

### **Evaluation of Foreign Credentials**

Coursework completed at colleges and universities outside the United States will be considered for transfer on an individual basis. All foreign credentials submitted to the college must include the original plus a certified English translation.

An official evaluation of foreign credentials must be completed before transfer credit will be considered. The student is responsible for arranging for credential evaluation. A partial list of acceptable professional evaluation services is available in the District Office of Student and International Programs or the Office of the College Registrar. The student is expected to pay all costs of translation and/or evaluation of foreign credentials.

Evaluations of foreign credentials completed by individuals and/or by professional evaluation services are subject to review and approval by the Director of Admissions and Registrar.

### **American English and Culture Institute**

For international students preparing to study in American colleges and universities or planning to work in fields where English is the primary language, the DCCCD offers an intensive English program called the American English and Culture Institute (AECI). The AECI is a year around program of English and culture study that is offered in eight week sessions and is divided into proficiency levels from one through six. It is located at the Universities Center of Dallas in downtown Dallas.

### **Application and Admissions Procedures**

Applications may be submitted any time prior to registration. Early application is essential because the student's place in registration is determined by the date of the applicant's files. Submitting admissions documents early also insures

that there is adequate time for effective advisement and schedule planning. A later place in registration often means that the classes a student desires may already be filled as all District colleges conduct early registration in some form.

Students registering on or after the first official class day will be charged a late registration fee.

Applicants must submit the following material to the Admissions Office to have a complete admissions file:

- A. An official application, available from any DCCCD college Admissions Office or through the Internet address of [www.dcccd.edu](http://www.dcccd.edu).
- B. Test Scores: Students who have ACT or SAT test scores taken within the last five (5) years, TAAS test scores taken within the last three (3) years or TASP test scores must submit those scores to the college.
- C. Official Transcripts: The following **MUST** be submitted—(1) Students who graduated from high school (and who have no college experience) should submit high school transcripts, which will be utilized for advisement purposes; (2) a college transfer student should submit official transcripts of all college work attempted before enrollment of the semester in which the student first enrolls. The College accrediting agency requires transcripts, and the College uses them in program advisement. **IT IS ABSOLUTELY ESSENTIAL THAT TRANSFER STUDENTS SUBMIT OFFICIAL TRANSCRIPTS FROM ALL COLLEGES PREVIOUSLY ATTENDED.** If transcripts are not submitted prior to enrollment, students can be blocked from a number of courses which require taking certain prerequisites, future enrollment of the student will be blocked and a transcript of work attempted at any DCCCD institution will not be released.  
An official transcript must bear the institution's embossed seal, and signature of the Registrar. Although transcripts sent electronically over the Electronic Transcript Network will be considered official, a photocopy or facsimile (FAX) is not an official transcript.
- D. GED: Students under the age of 18 and who have a GED must submit a copy of their GED certificate. Students entering with academic deficiencies or low assessment scores may be admitted on probation and will be required to enroll in developmental or other programs designated by the college.  
After being admitted but prior to registration, students must either present TASP scores or take the college assessment program.

All applicants may select only those classes available when they register. Students may enroll in certain courses at times other than regular semester registration. See the Flexible Entry courses selection in this catalog and contact the Registrar's Office for additional information.

Students admitted to a college of the DCCCD are automatically admitted to all seven colleges of the DCCCD and, as such, may take appropriate classes at any of the colleges under certain conditions.

## Reciprocal Tuition Agreement

The following Associate of Applied Sciences Degrees offered by the Dallas County Community College District may be taken by Tarrant County residents at in-county tuition rates:

<b>PROGRAM</b>	<b>CAMPUS</b>
Apparel Design	ECC
Automotive Technology	BHC
Dealership-sponsored Technician	BHC
Service Technician	BHC
Aviation Technology	MVC
Air Cargo	MVC
Aircraft Dispatcher	MVC
Airline Management	MVC
Professional Pilot	MVC
Fixed Base Operations	MVC
Commercial Music	CVC
Computer Information Systems	CVC
Construction Technology	NLC
Construction Management	NLC
<b>PROGRAM</b>	<b>CAMPUS</b>
Diagnostic Medical Sonography	ECC
Local Area Network Administrator	EFC, NLC, RLC
Lan Server Operator	EFC, NLC, RLC
Educational Personnel	ECC, RLC
Electrical Technology	NLC
Electronic Wireless Communications	EFC
Electronics Computer Technology	EFC
Automated Manufacturing	MVC
Engineering Technology	RLC
Food and Hospitality Service	ECC
Hotel/Motel Management	NLC
Interior Design	ECC
International Business and Trade	RLC
Invasive Cardiovascular Technology	ECC
Medical Staff Services	ECC
Medical Transcription	ECC
Mortgage Banking	NLC
Pattern Design	ECC
Physical Fitness Technology	NLC
Plumbing and Pipefitting	NLC
Social Work Associate	EFC
Substance Abuse Counseling	EFC
Veterinary Technology	CVC
Video & Film Technology	NLC
Visual Communications	BHC

Technical courses from the following Associate of Applied Sciences Degrees offered by the Dallas County Community College District may be taken by Collin County residents at in-county tuition rates:

<b>PROGRAM</b>	<b>CAMPUS</b>
Air Conditioning and Refrigeration Residential	CVC, EFC, NLC
Air Conditioning and Refrigeration Technology	EFC



Apparel Design	ECC
Auto Body Technology	EFC
Automotive Career Technician	CVC
Automotive Technology	BHC, EFC
Aviation Technology	MVC
Construction Management and Technology	NLC
Construction Technology	NLC
Diagnostic Medical Sonography	ECC
Food and Hospitality Service	ECC
Digital Imaging Technology	EFC
<b>PROGRAM</b>	<b>CAMPUS</b>
Educational Personnel	ECC, RLC
Electrical Technology	NLC
Interior Design	ECC
International Business and Trade	RLC
Invasive Cardiovascular Technology	ECC
Medical Staff Services	ECC
Medical Transcription	ECC
Mortgage Banking	NLC
Multimedia Technology	RLC
Pattern Design	ECC
Physical Fitness Technology	NLC
Postal Service	MVC
Radiologic Sciences	ECC
Social Work Associate Generalist	EFC
Substance Abuse Counseling	EFC
Travel and Tourism Management	RLC
Veterinary Technology	CVC
Video Film Technology	NLC
Welding Technology	MVC

In addition, the Construction Technology program may be taken by residents of Collin, Cooke, Denton, Ellis, Grayson, Hill, Tarrant, and Weatherford counties at Dallas County tuition rates.

### **Tuition**

Tuition is charged on a sliding scale according to the number of credit hours for which a student is enrolled and the student's place of legal residence. Tuition is subject to change without notice by the Board of Trustees or the Texas Legislature.

### **Tuition Installment Pay Plan (TIPP)**

A law passed by the Texas State Legislature permits students registering at community colleges to pay their tuition and fees in installments. Installment plan must be initiated before the first class day. One-half of the payment is required in advance of the official institutional first day of classes; one-quarter is due prior to the start of the sixth class week; and the final one-quarter payment must be made prior to the eleventh class week. Promissory notes must be signed at the time the first payment is made. Late fees will be assessed (\$10 per payment not to exceed \$20) for late installments. If courses are dropped, the refund, if any, will be applied to the balance of the installment plan. If courses are

dropped and no refund is due, the balance of the installment plan must still be paid in full. Course credit may be denied to students who have not made payment in full by the end of the semester. Tuition installment pay plans are allowed only during the fall and spring semesters and do not apply to flex classes. A \$15 fee is charged to all TIPP participants.

### **HOPE and Lifetime Learning Tax Credits**

The HOPE tax credit, based upon federal law, is available for eligible taxpayers enrolling in the first two years of postsecondary education. Students must be enrolled at least half time in a degree, certificate or other program leading to a recognized educational credential. This tax credit applies only to tuition and fee expenses paid after December 31, 1997 for enrollment occurring after that date.

The Lifetime Learning tax credit is available for eligible taxpayers who are college juniors, seniors, graduate students, adults returning to college and students enrolled less than half time. This tax credit applies only to tuition and fee expenses paid after June 30, 1998 for enrollment occurring after that date.

For additional information on the two tax credits, students may contact the local Internal Revenue Service, their tax preparer, or the following website: <http://www.tec.nh.us/htmls/hopetax.htm>.

### **Additional Fees**

Additional fees may be assessed as new programs are developed with special laboratory costs. These fees will always be kept to a practical minimum. A graduation fee is not assessed, but each student must pay for cap and gown rental.

### **Special Fees and Charges**

Mandatory fees shall include, but not be limited to, registration fee, student activity fees, laboratory fees, private lesson fees, and physical education activity fees.

**Technology Fee:** There is a student technology fee for each student registered for each semester. The fee is \$2.00 per credit hour or a minimum of \$10.00, whichever is greater.

**Registration Fee (Non-refundable):** There will be a \$5 non-refundable Registration Fee assessed each semester.

**Late Registration Fee:** A \$20 non-refundable Late Registration Fee will be assessed to students who register for a regular semester class on or after the first class day of a regular semester. This fee does not apply to schedule change transactions subsequent to the first class day. This fee does not apply to flex-entry course registration.

**Laboratory Fee:** \$4 to \$12 a semester (per lab).

**Class Fee:** Variable special costs of course not otherwise defined as "Laboratory Fee." Rental costs of specialized equipment and off-campus facilities are examples of "class fees."

**Physical Education Activity Fee:** \$4 a semester.

**Dance Activity Fee:** \$8 a semester.

**Bowling Class Fee:** Student pays cost of lane rental.

**Private Music Lesson Fee:** \$45 for one hour per week (maximum) for one course, \$25 for one half hour per week.

**Audit Fee:** The charge for auditing a course is the same as if the course were taken for credit.

**Credit by Examination:** A fee will be charged for each examination. This fee can change without prior notice.

### Refund Policy

The refund policy of the District is based on the fact that student tuition and fees provide only a fraction of the cost of offering educational opportunities. When students enroll in a class, they reserve places which cannot be made available to other students until they officially drop the class. In addition, the original enrollment of students represents a sizable cost to the District regardless of continuance in that class. Therefore, a refund is made only under the following conditions:

(1) **Official withdrawal:**

Students who officially withdraw from the institution shall have their tuition and mandatory fees refunded according to the following schedule:

*Fall and Spring Semesters*

Prior to the first class day of the semester....100%\*

During the first fifteen class days of the semester....70%\*

During the sixteenth through twentieth class days of the semester....25%\*

After the twentieth class day of the semester...NONE

*Summer Semesters*

Prior to the first class day of the semester....100%\*

During the first five class days of the semester....70%\*

During the sixth and seventh class days of the semester....25%\*

After the seventh class day of the semester...NONE

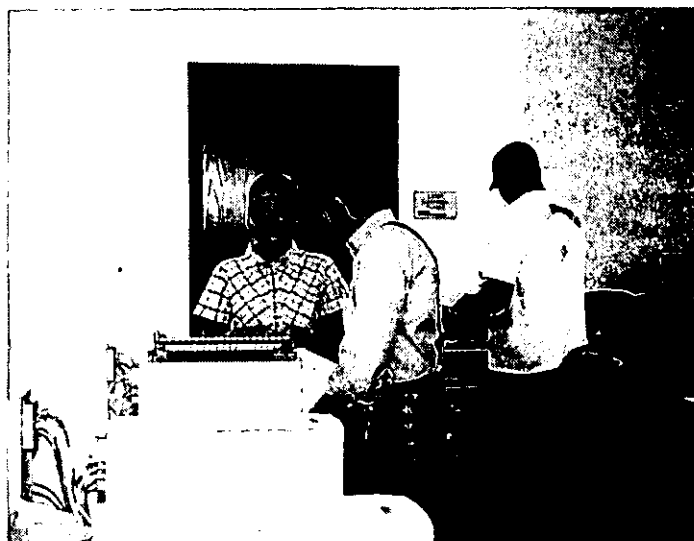
\*Registration and any applicable late registration fees are non-refundable even if one is due a refund.

The first "class day" is to be counted as the officially published date when the semester begins. The first "class day" means the first day ALL classes begin for the semester, not the first day a student's class is scheduled to meet. No refunds are issued after the last class day of each semester.

The federal law requires that the college refund unearned tuition and fees to all first-time students receiving financial aid who have not completed 60% of the enrollment period for which they have been charged.

The calculated refund will be returned to the federal funds in the following order:

1. Federal Family Educational Loan Programs
2. Federal Direct Loan Programs
3. Federal Pell Grant Program



4. Federal SEOG Program

5. Other Title IV programs

6. Student

For additional information about this pro-rata refund, contact the Financial Aid Office.

Separate refund schedules may be established for optional fees such as intercollegiate athletics, cultural entertainment, parking, etc.

Tuition and fees paid directly to the institution by a sponsor, donor, or scholarship shall be refunded to the source rather than directly to the student.

(2) A student dropping a portion of his or her class load after the twelfth class day of a fall or spring semester (fourth class day of a summer session) is not entitled to a refund unless approved by the Refund Petitions Committee.

(a) Refund petitions, accompanied by an explanation of any existing circumstances, shall be submitted to the Refund Petitions Committee of the campus.

(b) If the petition is approved by the committee, the student shall be notified and shall receive a refund of tuition and fees according to the appropriate schedules in this policy.

(3) Requests for refunds will not be accepted after the end of the semester or summer session for which the refund is sought. Cash refunds are not issued. Refund checks are mailed to the student at the address on file in the Admissions/Registrar's Office, or if payment was originally made by credit card, the refund will be applied back to the same credit card.

(4) Flexible entry courses are to be handled as regular semester-length courses. The refund schedule will be prorated accordingly.

(5) REFUND CHECKS NORMALLY REQUIRE A MINIMUM OF ONE MONTH FROM DATE OF APPROVAL FOR PROCESSING.

(6) The college academic calendar and the class schedule shall specify the last day for withdrawal with refund.

Continues following tuition & fees schedule

# DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

## TUITION AND STUDENT SUPPORT FEES

### All Semesters

Semester Credit Hours	DALLAS COUNTY				OUT-OF-DISTRICT				OUT-OF-STATE OR COUNTRY			
	Tuition	Regis. Fee	Tech. Fee	Total	Tuition	Regis. Fee	Tech. Fee	Total	Tuition	Regis. Fee	Tech. Fee	Total
1	\$ 25	\$5	\$10	\$ 40	\$ 41	\$5	\$10	\$ 56	\$ 200	\$5	\$10	\$ 215
2	42	5	10	57	82	5	10	97	200	5	10	215
3	63	5	10	78	123	5	10	138	213	5	10	228
4	84	5	10	99	164	5	10	179	284	5	10	299
5	105	5	10	120	205	5	10	220	355	5	10	370
6	126	5	12	143	246	5	12	263	426	5	12	443
7	147	5	14	166	287	5	14	306	497	5	14	516
8	168	5	16	189	328	5	16	349	568	5	16	589
9	189	5	18	212	369	5	18	392	639	5	18	662
10	210	5	20	235	410	5	20	435	710	5	20	735
11	231	5	22	258	451	5	22	478	781	5	22	808
12	252	5	24	281	492	5	24	521	852	5	24	881
13	273	5	26	304	533	5	26	564	923	5	26	954
14	294	5	28	327	574	5	28	607	994	5	28	1,027
15	315	5	30	350	615	5	30	650	1,065	5	30	1,100
16	336	5	32	373	656	5	32	693	1,136	5	32	1,173
17	357	5	34	396	697	5	34	736	1,207	5	34	1,246
18	378	5	36	419	738	5	36	779	1,278	5	36	1,319
19	399	5	38	442	779	5	38	822	1,349	5	38	1,392
20	420	5	40	465	820	5	40	865	1,420	5	40	1,465

The following definitions are brief guidelines only; please discuss any questions regarding proper tuition classification with admissions office personnel.

#### SPECIAL FEES AND CHARGES

The Chancellor shall be authorized to set the fees and charges for specialized services and programs provided by the District colleges. Other special fees may be assessed as new services or programs are developed with special laboratory costs. These fees will be kept to a basic, practical minimum for the program or service involved.

#### SEMESTER TUITION

Tuition for all semesters is as follows:

1. **Dallas County Residents** \$21.00 per credit unit or a minimum of \$25.00
2. **Out-of-District Residents** \$41.00 per credit unit or a minimum of \$41.00
3. **Out-of-State Residents** \$71.00 per credit unit; minimum of \$200.00
4. **Out-of-Country Residents** \$71.00 per credit unit; minimum of \$200.00

The charge for auditing a course is the same as taking the course for credit.

**Effective Date:** Summer Semester I, 1999

Provided they established legal residence in the State of Texas, a student's county of residence is the county in which their legal guardian resides, if they are under 18 years of age. Students 18 years of age and older are deemed to be residents of the county in which they reside.

"Out-of-State Residents" are defined to be students of less than 18 years of age, living away from their family and whose family resides in another state or whose family has not resided in Texas for twelve months immediately preceding the date of registration; or students 18 years of age or older who have not been residents of the state twelve months

subsequent to their 18th birthdays or for the twelve months immediately preceding the date of registration.

The description of resident and non-resident status contained above are generally applicable, but the determination of residence status for tuition purposes is specifically governed by the provisions of V.T.C.A. Education Code, Section 54.052, the rules and regulations of the Coordinating Board, Texas College and University System, and judicial and/or administrative interpretations thereof. In the event of conflict between the above-noted descriptions and the latter authorities, the latter shall govern.

A foreign national on any other than a permanent resident visa must pay out-of-country tuition and fees.

The tuition schedule above is subject to change without notice by action of the District Board of Trustees or the State of Texas.

By law (TEC: section 4, subchapter B. chapter 54; sec. 54.0521, 1985), the STATE OF TEXAS requires that the OATH OF RESIDENCY be signed.

The law states that if the institution later determines that the individual was not entitled to be classified as a resident at the time of the individual's registration, the individual shall pay to the institution the amount of tuition to the In-District rate. **If the individual fails to make a timely payment as required, the individual is not entitled to receive a transcript or to receive credit for courses taken during the time the individual was falsely registered as a resident student.**

**THE OATH OF RESIDENCY IS NOT ACCEPTABLE IN LIEU OF DOCUMENTARY EVIDENCE.**

If you are an out-of-state resident or an out-of-county student AND if you (or the parent on whom you are dependent) own property subject to ad valorem tax by the College District, you may qualify for a waiver of tuition to the In-District rate. Please check with the college Admissions Office for additional details. A foreign national is not eligible for the waiver unless under a permanent resident visa.

## Returned Checks

Checks returned to the Business Office must be paid with cash or a cashier's check within the time limits prescribed by the notification letter. An additional fee is added for returned checks. If a check for tuition is returned by the bank for any reason, the College Business Office may submit the check to the Justice of the Peace for appropriate legal action and collection. The Vice President of Student Development may also implement disciplinary procedures. Students may be dropped from courses due to returned checks.

## Assessment and Advisement Procedures

Assessment is the process of evaluating readiness for certain college courses and the probabilities for success in those courses. The College has an assessment and advisement program for entering students which is a required part of the enrollment process.

The assessment program includes the completion of a questionnaire which documents information on career and work plans, previous academic achievement and other relevant information. Assessment also includes an examination of individual skill levels in reading, writing, and mathematics. Information on skills may come from ACT, SAT, previous college-level work or from scores on the standardized tests administered by the College. Students who have taken TASP also need their TASP scores.

Because of the importance of such information, students should have official copies of ACT, RSAT, SAT, or TASP scores and transcripts mailed to the Admissions Office or bring them personally at the time of application. It is the responsibility of the student to have these available at the time of enrollment.

The assessment program provides information needed in advisement. Academic advisement sessions provide a framework for informed decision-making on the part of students and advisors. Information on a student's skills, abilities, career plans, educational background, life experiences and motivation is important in helping the student and advisor make selections from the many educational options available. However, the College reserves the right to insist students enroll in the appropriate remediation should assessment results indicate a need for the improvement of skills in reading, writing and/or mathematics.

Details of assessment and advisement procedures are available through the College Counseling/Advisement Center, International Center, or in the "Schedule of Classes" each semester.

Students who did not have at least 3 college-level credit hours prior to the 1989 Fall Semester must take the TASP (Texas Academic Skills Program) test or an approved TASP alternate test prior to enrollment in any college-level course work. Should students fail either the reading, writing, or mathematics section of TASP or a TASP alternate test, they will be required, as mandated by Texas State Law, to enroll and participate in a developmental program continuously until all appropriate developmental courses are successfully completed or until each failed section is passed.

## Change of Schedule

Students should be careful in registering to schedule courses only for the days and hours they can attend. Students requesting class changes should contact the Registrar's Office during the time specified in the current class schedule. No change is complete until it has been appropriately processed through the registration system.

## Non-Credit Student (Audit)

A person who meets the admission requirements of the District may, with the consent of the division dean and instructor, enroll in a credit course as a non-credit student. A non-credit student may attend class, but will not receive a final grade nor credit for a course. An instructor may give such non-credit students an examination if the instructor determines the examination is an essential component of the learning process. The fee in a credit course is the same for a non-credit student as for a credit student.

## Acceptance of Credit in Transfer

Credit for courses in which a passing grade (D or better) has been earned may be transferred to the College from colleges and universities accredited through one of the following associations:

- Middle States Association of Colleges and Schools/Commission on Higher Education
- New England Association of Schools and Colleges
- North Central Association of Colleges and Schools
- Northwest Association of Colleges and Schools/Commission on Colleges
- Southern Association of Colleges and Schools/Commission on Colleges
- Western Association of Schools and Colleges/Accrediting Commission for Senior Colleges
- Western Association of Schools and Colleges/Accrediting Commission for Community and Junior Colleges

It is the responsibility of the College not to transfer credits received from any United States institution not so accredited except where signed agreements between the College and other institutions exist. However, students who have gained proficiency through completion of coursework from non-accredited institutions may receive college credit through credit-by-examination and by some circumstances credit by experience.

Course-by-course evaluation will be completed by the registrar or other appropriate college personnel as needed for degree or program planning. Individual courses transferred will not be posted to the College's student record. Official transcripts from all higher education institutions must be on file in the Registrar's Office.

Students are referred to the section found elsewhere in this catalog entitled "Academic Forgiveness Policy."

Credits earned through other education programs, such as credit-by-examination, military experience, and the U.S.

Armed Forces Institute, are reviewed by the Registrar and credit may be granted if applicable.

Official transcripts from all higher education institutions and a request for a degree plan evaluation must be on file before the evaluation can be accomplished in the Registrar's Office. Any questions concerning the validity of the document(s) will result in the need to have an official transcript(s) sent directly from the other institution(s) to the Registrar's Office. Transfer students admitted with a grade point deficiency cannot graduate until the deficiency is cleared by earning additional grade points.

### **Address Changes and Social Security Number**

Each student has the responsibility to inform the Registrar's Office of changes in name or address. Each applicant for admission is asked to furnish a Social Security number. This number doubles as a student identification number and insures accuracy of student records. If a student does not have a Social Security Number, or does not choose to use the Social Security Number, the College will assign a student identification number.

### **TASP (Texas Academic Skills Program)**

Effective with the Fall 1998 semester, there are many changes being made to the TASP program as required by state law and/or The Texas Higher Education Coordinating Board.

The Texas Academic Skills Program (TASP) is required by state law to ensure students enrolled in Texas public colleges possess the academic skills needed to perform effectively in college-level coursework. TASP includes a testing component designed to identify and provide information about the reading, writing, and math skills of students. The program is very complex, and students are expected to consult with the college TASP Coordinator in order to meet the TASP requirements. ***It is the student's responsibility to be aware of all TASP regulations.***

Effective Fall 1998, all entering students must have either DCCCD Alternate Assessment, TASP or QuickTASP tests scores on file prior to enrolling for college-level courses. Students meeting the following conditions are exempt or waived from the TASP requirements:

- Have at least 3 hours of college credit prior to Fall, 1989;
- Are blind/deaf and have at least 3 hours of college credit prior to Fall, 1995
- Enroll in certain certificate programs;
- Have a baccalaureate or higher degree;
- Have ACT/SAT or TAAS scores which meet state standards for an exemption;
- Enroll as a transient student from an out-of-state or private institution;
- Are not seeking a degree AND are at least 55 years of age;
- Are not seeking a degree AND are international students;
- Have been certified by the Texas Higher Education Coordinating Board as being dyslexic or having a related dis-

order OR as having a math disorder. Students seeking this exemption must check with the college TASP Coordinator to ascertain what documentation must be submitted to The Texas Higher Education Coordinating Board as only that agency may grant such an exemption;

- Be an out-of-state student enrolled in official distance education courses.

All other students are subject to TASP requirements.

Students who fail a section of either the DCCCD Alternate Assessment, TASP or QuickTASP must enroll and actively participate in developmental courses related to the failed area(s) or be dropped from college-level courses. (Concurrently enrolled high school students will not be mandated to take developmental courses while in high school.) Students must continue to participate in mandated developmental coursework until (1) they pass the failed section of TASP or QuickTASP test, (please note that the DCCCD Alternate Assessment cannot be used for retesting purposes) or (2) They have completed the developmental coursework required, at which time the college may release the student from such coursework. The college is not required to release the student from further developmental coursework.

Students may meet the TASP requirements in several ways: (1) Pass all sections of TASP or QuickTASP; (2) Pass all sections of the DCCCD Alternate Assessment on the initial attempt; (3) In the exact following order, take and fail a section of TASP or QuickTASP, complete all required developmental coursework with a grade of C or better, retake and fail the same section of TASP or QuickTASP, and then take and make a B or better in an approved, related college-level course; or (4) In the exact following order, take and fail a section of the DCCCD Alternate Assessment, complete all required developmental coursework with a grade of C or better, retest with TASP or QuickTASP and fail the same subject area originally failed on the DCCCD Alternate Assessment, and then take and make a grade of B or better in an approved, related college-level course. Students attempting to meet the requirements through the third or fourth methods must check with the college TASP Coordinator to learn of all required steps to be met.

Deaf students entering Fall 1995 and thereafter are subject to all TASP regulations with the exception that they must take the Stanford Achievement Test rather than TASP, QuickTASP, or Alternate Assessment.

DCCCD students who take the DCCCD Alternate Assessment and later transfer to another Texas public college or university will have their scores honored by the receiving institution. Transfer students from another Texas public college or university to the DCCCD will have their state-approved alternate assessment scores honored by the DCCCD.

No student may receive a degree or certain certificates without having met the TASP requirements. No student may take junior or senior level courses at a Texas public university without having met the TASP requirements.

***TASP rules are always subject to change.***

Additional Tasp information can be found at the Texas Higher Education Coordinating Board's website:  
[WWW.theccb.state.tx.us/](http://WWW.theccb.state.tx.us/)



## IV. ACADEMIC INFORMATION

### Scholastic Standards: Grades & Grade Point Average

Final grades are reported for each student for every course according to the following grading system.

Grade	Interpretation	Grade Point Value
A	Excellent	4 points
B	Good	3 points
C	Average	2 points
D	Poor	1 point
E*	Effort	Not computed
F	Failing	0 points
I	Incomplete	Not computed
WX	Progress;	Not computed; re-enrollment required
W	Withdrawn	Not computed
CR	Credit	Not computed

\*Used only with developmental studies courses.

Grade points earned for each course are determined by multiplying the number of points for each grade by the number of credit hours the course carries. For example, a student who takes a three hour course and earns an "A" accumulates 12 grade points for that course. A student's grade point average is computed by adding the total grade point values for all courses and dividing by the number of credit hours attempted during the same period. For example, a student who takes the following courses and earns the following grades has a grade point average of 2.93:

Credit Hours	Grade	Grade Points
2-hour course	A	8
3-hour course	B	9
4-hour course	B	12
3-hour course	C	6
Total Credit Hours:	Total Grade Points:	
12	35	
<u>35</u>		
12 = 2.93		

The student's transcript and grade reports will indicate two different GPA's. GPA(1) is based upon all DCCCD courses in which the student received a performance grade of A-F. GPA(1) is utilized to determine Suspension/Probation status, athletic participation eligibility, and financial aid eligibility. GPA(2) is based upon grade points earned in all DCCCD courses in which a student received a performance grade of A-F. Courses numbered below 1000, ARTS 1170, MUSI 1175, and DRAM 1170 are not used in the calculation of GPA(2). GPA(2) is utilized to determine eligibility for graduation, honor rolls, and eligibility in Who's Who in American Junior Colleges. It is also the GPA which may be considered by four-year institutions when a student transfers.



For repeated courses, only the latest grade earned is included in cumulative grade point averages even if the latest grade is lower than a preceding grade. However, transcripts do indicate all work attempted and completed in the District. When a student withdraws from a course being repeated, the cumulative grade point average is calculated by using the immediately preceding grade in the same course.

If a student believes an error has been made in determining a course grade, the instructor or appropriate division office should be contacted as soon as possible. Requests for grade changes will not be considered later than two years following the last day of the semester for which the grade was assigned.

An incomplete grade of "I" may be given when an unforeseen emergency prevents a student from completing the work in a course. The "I" must be converted to a performance grade (A-F) within 90 days after the first day of classes in the subsequent regular semester. If the work is not completed after 90 days, the "I" is converted to a performance grade.

An Incomplete Contract is used to convert an incomplete grade to a performance grade and states the requirements for the satisfactory completion of the course. The Incomplete Contract must be agreed upon and signed by the instructor, the student and the division dean and submitted with the final grade report. When an Incomplete Contract must be submitted without the student's signature, the instructor must include a statement indicating that the student is aware of and in agreement with the contract.

Students who do not complete course requirements may receive a "WX" grade when the instructor determines that reasonable progress has been made and when the student can re-enroll for course completion prior to the certification date in the next regular semester. If the student does not complete the course requirements, the "WX" is converted to a performance grade.

An E grade may be given when an instructor wishes to indicate that a student has made progress in a developmental studies course. An E grade is non-punitive and is not computed. The E grade provides more flexibility for re-enroll-

ment, particularly for students who do not achieve a C-level grade in a course. An E grade indicates that a student participated in a course according to TASP guidelines, but was unable to do C-level or passing work which would qualify the student to enroll in transfer-level courses. The E grade indicates below college skill level work, but shows that the student participated in and attended the class and attempted to do the work in the course.

Students on Federal Financial Aid need to check with Financial Aid Officer concerning E grade(s) and any impact on benefits.

### **Acceptable Scholastic Performance**

College work is measured in terms of credit hours. The number of credit hours offered for each course is given with the course description.

Acceptable scholastic performance is the maintenance of a grade point average, based on GPA (1), of 2.0 (on a 4.0 scale) or better. Students may not be graduated from any degree or certificate program unless they have a cumulative grade point average of 2.0, based on GPA (2), or better. Grade points and hours earned in courses numbered below 1000, ARTS 1170, MUSI 1175, and DRAM 1170 cannot be used to meet graduation requirements.

### **Recommended Academic Load**

The maximum academic load is 18 credit hours of course work per semester or five classes plus physical education. Students must receive permission of the appropriate college official to carry a heavier load. Employed students carrying a full load (12 credit hours or more) should not work more than 20 hours per week. Students working more hours should reduce their academic load proportionately. The recommended load limit for day or evening students who are employed full-time is six credit hours. The recommended load limit in a six-week summer session is six credit hours. A total of 14 credits is the maximum that may be earned in any 12-week summer period.

### **Classification of Students**

**Freshman:** A student who has completed fewer than 30 credit hours.

**Sophomore:** A student who has completed 30 or more credit hours.

**Part-time:** A student carrying fewer than 12 credit hours in a Fall or Spring semester.

**Full-time:** A student carrying 12 or more credit hours in a Fall or Spring semester.

### **Class Attendance**

Students are expected to attend regularly all classes in which they are enrolled. Students have the responsibility to attend class and to consult with the instructor when an absence occurs.

Instructors are responsible for describing attendance policies and procedures to all students enrolled in their classes. If a student is unable to complete a course (or courses) in which he/she is registered, it is the student's responsibility to

withdraw from the course by the appropriate date. (The date is published in the academic calendar each year and in each semester's class schedule.) If the student does not withdraw, he/she will receive a performance grade, usually a grade of "F."

Students who are absent from class for the observance of a religious holiday may take an examination or complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the 15th day of the semester, the student notified the instructor(s) that the student would be absent for a religious holiday. Sec. 51.911 Tx. Educ. Code.

### **Dropping A Course Or Withdrawing From College**

To drop a class or withdraw from the College, students must follow the prescribed procedure. It is the student's responsibility to drop or withdraw. Failure to do so will result in receiving a performance grade, usually a grade of "F." Should circumstances prevent a student from appearing in person to withdraw from the College, the student may withdraw by mail by writing to the Registrar. A drop/withdrawal request by mail must be received in the Registrar's Office by the semester deadline. No drop or withdrawal requests are accepted by telephone. Students who drop a class or withdraw from the College before the semester deadline receive a "W" (Withdraw) in each class dropped. The deadline for receiving a "W" is indicated on the academic calendar and the current class schedule. See "Refund Policy" for possible refund eligibility.

***STUDENTS WHO WITHDRAW FROM A MANDATED REMEDIATION COURSE AS A RESULT OF TASP REQUIREMENTS MUST ALSO WITHDRAW FROM ALL COLLEGE-LEVEL COURSES.***

### **Academic Recognition**

Full-time students who complete at least 12 hours of college-level credit and earn a grade point average of 3.5-3.79 are listed on the Vice President's Honor Roll. Full-time students who complete at least 12 hours of college-level credit and average 3.8-4.0 are placed on the President's Honor Roll. Part-time students who take 6-11 college-level credit hours and maintain a 3.5 or higher grade point average are placed on the Academic Recognition List. GPA(2) is utilized to determine academic recognition.

### **Scholastic Probation, Scholastic Suspension, and Academic Dismissal**

**Scholastic Probation:** A student who has completed a total of nine (9) credit hours with a performance grade of A, B, C, D or F and who has a grade point average based on GPA(1) of less than 2.0 will be placed on scholastic probation. A student on scholastic probation may have coursework and total hours limited, but may re-enroll at the college if a minimum 2.0 grade point average based on GPA(1) is earned in each semester or summer session. If a student on scholastic probation fails to meet the above requirements in a semester or summer session, the student will be placed on scholastic suspension and will not be allowed to register.

**Scholastic Suspension:** A student on scholastic probation who is ineligible to re-enroll shall be suspended from the college for not less than one semester.

After a student has served a first suspension, the student may petition for readmission. If readmission is approved, then a student may continue to re-enroll with completion of a semester or summer session with a GPA of 2.0 or greater.

**Academic Dismissal:** If a student does not meet the required standards and is placed on continued scholastic suspension for a second time, the student will be academically dismissed for a period of 12 months. Prior to application for readmission, a student must present to the admissions committee a written explanation of how the student plans to improve the student's academic standing. A student will be readmitted on continued scholastic probation, and the student's coursework and total hours may be limited.

**Indefinite Academic Dismissal:** A student who is readmitted after having been on scholastic suspension and academic dismissal, and who subsequently fails to achieve a GPA(1) of 2.0 greater, shall be placed on indefinite academic dismissal. After a period of more than 12 months, a student may be recommended for readmission only by the Vice President of Student Development or designee.

It is a student's responsibility to understand and comply with academic standards and procedures of the college.

A student who is on academic suspension or academic dismissal from another institution is ineligible for admission to the college unless the student has met the academic standards required by the college.

### **Grade Reports/Notification of Grades**

A grade report may be mailed to the address on record of enrollment to each student at the end of each semester.

### **DCCCD Transcript of Credit**

The DCCCD transcript of credit is a chronological listing of college credit classes attempted within the seven college system of the DCCCD. The transcript is official if the document is embossed with the college seal and imprinted with the signature of the Registrar. It includes both GPA(1) and GPA(2).

Upon written request of the student, the Registrar's Office will send an official transcript to the individual student or to any college or agency named. There is a minimum of two working days required for processing. A transcript will be released only if all obligations to the DCCCD have been settled.

The Electronic Transcript Network permits member colleges to send transcripts to one another through a computer network. Member colleges prefer to receive transcripts in this fashion rather than through the generation of an "official transcript."

Transfer credits from other institutions are not recorded on DCCCD transcripts. If a student desires a transcript of

work completed at another institution, the student should secure it from that institution.

### **Degree Requirements**

The College confers the Associate of Arts and Sciences Degree, the Associate of Arts and Sciences Degree with a major in Business, the Associate of Applied Sciences Degree, the Associate of College/University Transfer Degree, and certificates upon students who have completed all requirements for graduation. Each degree candidate must earn at least 25% of the credit hours required for graduation through instruction (not credit-by-examination) by the college granting the degree. The degree must be awarded by a college which offers the program in which the student majored. Correspondence work must be approved by the Registrar for graduation credit. If the student qualifies for a degree from more than one DCCCD college, the student must indicate from which college the degree is to be awarded.

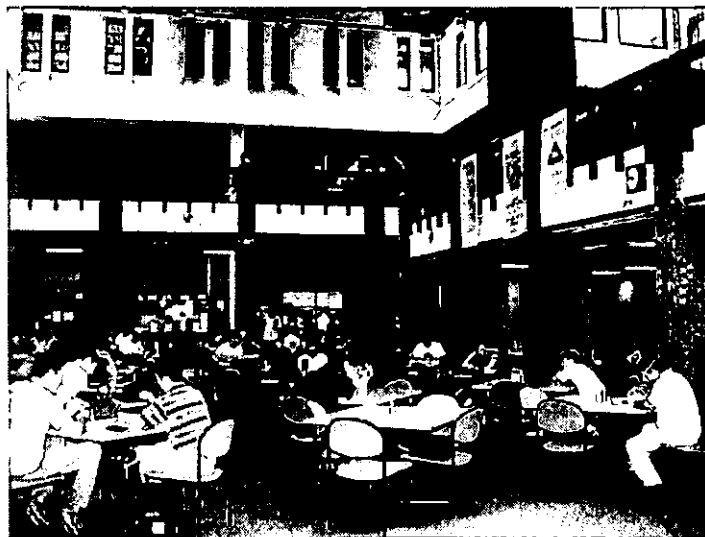
Students seeking certificates or associate degrees must submit official transcripts of all previous work attempted before a certificate or degree will be awarded. Failure to submit official transcripts directly from the institutions attended will result in the degree or certificate not being awarded.

Students entering the DCCCD Fall 1989, or thereafter, must successfully complete all sections of the TASP (Texas Academic Skills Program) Test before a degree can be awarded. See the TASP catalog section for additional information.

To qualify for a second degree or certificate, a student must fulfill the residence requirement and must complete all required courses in the plan for the second degree or certificate.

### **The Common Learning Curriculum**

The Common Learning curriculum is composed of required courses and clusters of courses designed to advance the learning which is common to all candidates for a degree. Therefore, the courses students take toward a DCCCD degree are designed around a series of skills to be achieved in order to be a successful, contributing member of society. The



courses required in DCCCD degrees should equip students to learn to live better with themselves, others, and environments, as well as to learn to live as producers, consumers, and members within a community. It is also expected that students will learn to live more creatively, become more proficient in understanding future trends and how those trends impact their own lives, and how to develop effective learning skills. While not each of the skills will be found in each and every course within a DCCCD degree, the faculty believe that by taking those courses required for a degree program, students will encounter many of the above-named skills.

The Core Curriculum consists of English 1301, Speech Communication 1311, and a math course numbered 1000 or above. A grade of "C" or better in each of the three courses is required for graduation. Students are strongly advised to enroll in these courses in the first two semesters of study because skills necessary for success in other courses are taught in Core courses.

Common Learning course requirements beyond the Core are designed to help ensure that all graduates have general knowledge as well as the specific knowledge ordinarily associated with a major course of study or a technical program. Candidates for the Associate of Arts and Sciences must take 34-36 hours in approved Common Learning courses beyond the Core. Candidates for the Associate of Applied Science must choose six to eight hours of course work from two of the following clusters: Laboratory Science, Behavioral/Social Science, and Humanities.

### **Associate of Arts and Sciences Degree**

*The title of this degree may be changed during 1999-2000.*

This degree is primarily designed as the equivalent of the first half of a baccalaureate degree. This is a general plan and may or may not satisfy the requirements of a specific transfer university. Students desiring to transfer should seek this degree after consultation with the college Counseling/Advisement Center. However, in keeping with Texas State law, students who complete the 48 hour credits of the DCCCD core curriculum are assured that the core in its entirety will transfer to any Texas public college or university, in such instances, the DCCCD core will be substituted for the core requirements of the receiving institution. Therefore, in pursuing this degree, students are encouraged to complete the entire core within the DCCCD. Students transferring into the DCCCD from another Texas public college or university who have completed that institution's core requirements are assured that the DCCCD will accept the completion of that core in lieu of its own toward the requirements for the Associate of Arts and Sciences degree.

In order to receive this degree, students should successfully complete 61 credit hours including the 48 credit hour core of the DCCCD plus an additional 13 hours of electives, normally courses designed for the selected major. This 61 hours may be completed at any DCCCD college and must include courses from the following areas:

### **COMMUNICATIONS--9 credit hours**

Students must successfully complete all courses listed English 1301 and 1302

### **MATHEMATICS--9 credit hours**

Students must successfully complete one of the courses listed: Math 1314, 1324, 1333, 1335, 1342, 1414, 2412, or higher level

### **LAB SCIENCES--8 credit hours**

Students must successfully complete two of the courses listed:

Biology 1406, 1407, 1408, 1409

Chemistry 1405, 1407, 1411, 1412

Geology 1401, 1403, 1404, 1445

Physics 1401, 1402, 1407, 1411, 1412, 1415, 1417, 2425, 2426

Students may NOT use the following combinations to meet this requirement: Biology 1406 and 1408; Chemistry 1405 and 1411, Physics 1401 and 1405; Physics 1401 and 2425; Physics 1405 and 2425.

### **SOCIAL/BEHAVIORAL SCIENCES--15 credit hours**

Students must successfully complete all of the courses listed History 1301 AND 1302

Government 2301 AND 2302

Students must successfully complete one of the courses listed:

Anthropology 2346, 2351

Economics 1303, 2301, 2302, 2311

Psychology 2301, 2314, 2316

Sociology 1301, 1306, 2319

### **HUMANITIES/VISUAL AND PERFORMING ARTS--9 credit hours**

Students must successfully complete one of the courses listed in each category:

#### *Category I*

Arts 1301, 1303, 1304

Dance 2303

Drama 1310, 2366

Humanities 1301

Music 1306, 1308, 1309

#### *Category II*

English 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333

#### *Category III*

Cultural Studies 2301

History 2321, 2322, 2380, 2381

Philosophy 1301, 2306, 2307, 2316, 2317

Religion 1304

### **OTHER--4 credit hours**

Students must successfully complete Physical Education 1164 AND one of the courses listed:

Computer Science 1300 OR any foreign language course numbered 1300 or higher

### **ELECTIVES--13 credit hours.**

A maximum of four physical education activity hours may be counted as credit toward requirements for graduation. The GPA for graduation is based on the credit earned for all DCCCD college-level work and for all credit which is transferred from other institutions. The following courses will not count toward graduation nor the GPA for graduation: Courses numbered below 1000, Arts 1170, Music 1175, and Drama 1170.

Students who wish to complete this degree totally through distance learning courses should read the section entitled Distance Learning Program and consult the degree plan outline located elsewhere in this catalog.

### **Associate of Arts and Sciences Degree with major in Business**

*The title of this degree may be changed during 1999-2000.*

This degree is designed to meet the needs of students who plan to major in business but who are unsure about where they wish to transfer in order to complete a baccalaureate degree in a business field. This plan includes the DCCCD core of 48 hours, and students who complete this core are assured that the core in its entirety will transfer to any Texas public college or university; in such instances, the DCCCD core will be substituted for the core requirements of the receiving institution. Therefore, in pursuing this degree, students are encouraged to complete the entire core with the DCCCD.

This plan also includes courses designed for business majors. Students planning to transfer must consult the transfer institution's catalog to ensure selected courses in this area will both transfer and apply toward their degree at the receiving institution. Once students have decided on the specific transfer institution and a specific major within business, they are strongly encouraged to utilize the transfer degree plan for those hours beyond the DCCCD core.

In order to receive this degree, students should successfully complete 61 credit hours including the 48 hour core of the DCCCD, the required business courses, and any elective courses to bring the total to 61 credit hours. These 61 hours may be completed at any DCCCD college and must include courses from the following areas:

#### **COMMUNICATIONS--9 credit hours**

Students must successfully complete all courses listed:  
English 1301 AND English 1302  
Speech Communications 1311

#### **MATHEMATICS--3 credit hours**

Students must successfully complete  
Math 1324

#### **LAB SCIENCES--8 credit hours**

Students must successfully complete two of the courses listed  
Biology 1406, 1407, 1408, 1409  
Chemistry 1405, 1407, 1411, 1412  
Geology 1401, 1403, 1404, 1445  
Physics 1401, 1402, 1405, 1407, 1411, 1412, 1415, 1417, 2425, 2426

Students may NOT use the following combinations to meet this requirement: Biology 1406 and 1408; Chemistry 1405 and 1411; Physics 1401 and 1405; Physics 1401 and 2425; Physics 1405 and 1425.

#### **SOCIAL/BEHAVIORAL SCIENCE--15 credit hours**

Students must successfully complete all the courses listed  
History 1301 and 1302  
Government 2301 and 2302  
Economics 2301

#### **HUMANITIES/VISUAL AND PERFORMING ARTS--9 credit hours**

Students must successfully complete one of the courses listed in each category

##### **Category I**

Arts 1301, 1303, 1304

Dance 2303

Drama 1310, 2366

Humanities 1301

Music 1306, 1308, 1309

##### **Category II**

English 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333

##### **Category III**

Cultural Studies 2301

History 2321, 2322, 2380, 2381

Philosophy 1301, 2306, 2307, 2316, 2317

Religion

#### **OTHER--6 credit hours**

Students must successfully complete both courses listed  
Physical Education 1164  
Computer Science 1300

#### **REQUIRED BUSINESS COURSES--12 credit hours**

Students must successfully complete all courses listed  
Accounting 2301 AND 2302  
Economics 2302  
Math 1325

#### **ELECTIVES--1 credit hour**

A maximum of four physical education activity hours may be counted as credit toward requirements for graduation. The GPA for graduation is based on the credit earned for all DCCCD college-level work and for all credit which is transferred from other institutions. The following courses will not count toward graduation nor the GPA for graduation: Courses numbered below 1000, Arts 1170, Music 1175, and Drama 1170.

### **Associate of College/University Transfer Degree**

*The title of this degree may be changed during 1999-2000.*

A student may earn an Associate of College/University Transfer through an individually-negotiated degree plan that incorporates those elements of the DCCCD Associate of Arts and Sciences Degree that fall within the student's transfer plan

developed under the Student Transfer Guarantee program. Students must have a minimum of 61 credit hours, a grade point average of at least "C" (2.00) based upon GPA (2), and have met all TASP requirements (if students are not TASP Exempt) to receive this degree. These 61 hours may be earned at any DCCCD college and must include:

History 1301 and 1302 (6 credit hours)

Government 2301 and 2302 (6 credit hours)

English 1301 (3 credit hours)

A math course numbered 1000 and above

A speech communications course (3 credit hours) IF a speech course is required.

The remaining hours will be comprised of courses equivalent to those designated by the student's selected transfer institution as being applicable to the baccalaureate degree being sought. In no case will DCCCD course prerequisites be waived. Students who qualify for the Associate of Arts and Sciences degree will be granted that degree rather than the Associate of College/University Transfer degree. Students who qualify for the Associate of Arts and Sciences degree are not eligible for the Associate of College/University Transfer degree.

This degree may be attractive to students who wish to transfer to a private or out-of-state college or university. Students who wish to transfer to another Texas public college or university should follow the Associate of Arts and Sciences degree because that degree pattern includes the DCCCD 48 credit hour core requirements. Other Texas public colleges and universities must accept the DCCCD core requirements in place of their own core requirements.

### **Associate of Applied Sciences Degree**

This degree is designed to teach specific career/technical skills. The requirements for each major in the Associate of Applied Science Degree are clearly shown in the curriculum patterns elsewhere in this catalog. Students seeking such a degree should become familiar with the specific required courses in the appropriate curriculum pattern.

Students must have a minimum of 60 credit hours, a grade of "C" or better in each of the three Core courses (English 1301 OR English 2311 (whichever is required), Speech Communication 1301, AND in the math course required in the specific degree plan), a grade point average of at least "C" (2.00), based on GPA (2), and a passing score on all sections of TASP (if students are not TASP exempt) to receive the Associate of Applied Science Degree. These 60 hours must include 18 hours of the following general education requirements:

- English 1301 OR Communications 1307 (3 credit hours) [A CORE COURSE REQUIREMENT; A GRADE OF "C" OR BETTER MUST BE EARNED]

- Speech Communication 1301 (3 credit hours) [A CORE COURSE REQUIREMENT; A GRADE OF "C" OR BETTER MUST BE EARNED]

- A math course as required in the specific degree plan (3 credit hours) [A CORE COURSE REQUIREMENT; A GRADE OF "C" OR BETTER MUST BE EARNED]

- Three credit hours from a Social/Behavioral Science course: Anthropology, Government, History, Human Development, Psychology, OR Sociology

- Three hours from a Humanities/Fine Arts course: This includes any course with the title of Humanities, Art, Music, Philosophy, Dance, Drama, Religion, Foreign Language or Eastfield Interpreter Training Program, English 2322, 2323, 2327, 2328, 2332, 2333, OR 2371

- Three credit hours of an elective course chosen from a discipline outside the student's area of specialization.

Elsewhere in this catalog can be found specific degree plans for each technical/occupational/workforce development programs.

For some programs, more than 60 credit hours are required. All prescribed requirements for the specific technical/occupational program in which the student is enrolled must be completed. These programs may also have other criteria in addition to degree requirements. See the Workforce/Technical Programs section of the catalog for a more detailed explanation. A maximum of four physical education activity hours may be counted as credit toward graduation. The GPA for an Associate of Applied Sciences degree is based only on the hours used to meet degree requirements. The following courses will not count toward graduation nor the GPA for graduation: Courses numbered below 1000, ARTS 1170, Music 1175, and Drama 1170.

### **Guarantee for Job Competency**

The DCCCD makes certain guarantees to its students who earn its Associate of Applied Sciences degree or who complete a certificate program. If an Associate of Applied Science or certificate program graduate is judged by his/her employer to be lacking in technical job skills identified as exit competencies for his/her specific degree or certificate program, the graduate will be provided up to nine tuition-free hours of additional skill training by a District college under the conditions of the guarantee policy.

Special conditions which apply to the guarantee are as follows:

1. The graduate must have earned the Associate of Applied Science Degree or completed the certificate program beginning, May, 1992, or thereafter in a Technical program identified in the college catalog.

2. The graduate must have completed this degree or certificate program in the District (with a majority of the credits being earned at the District) and must have completed the degree or certificate within a four-year time span.





3. Graduates must be employed full-time in an area directly related to the area of program concentration as certified by the Vice President of Instruction.

4. Employment must commence within 12 months of graduation.

5. The employer must certify in writing that the employee is lacking entry-level skills identified by the DCCCD as the employee's program competencies and must specify the areas of deficiency within 90 days of the graduate's initial employment.

6. The employer, graduate, division dean, job placement counselor, and appropriate faculty member will develop a written educational plan for retraining.

7. Retraining will be limited to nine credit hours related to the identified skill deficiency and to those classes regularly scheduled during the period covered by the retraining plan.

8. All retraining must be completed within a calendar year from the time the educational plan is agreed upon.

9. The graduate and/or employer is responsible for the cost of books, insurance, uniforms, fees and other course-related expenses.

10. The guarantee does not imply that the graduate will pass any licensing qualifying examination for a particular career.

11. The student's sole remedy against District and its employees for skill deficiencies shall be limited to nine credit hours of tuition-free education under conditions described above.

12. The program can be initiated through written contact with the office of the college president.

### **Certificate Programs**

The requirements for certificates are detailed under specific programs in the Workforce/Technical section of this catalog. A "C" (2.00) grade point average, based on GPA (2) is required. The GPA for a certificate is based only on the hours used to meet certificate requirements. The following

courses will not be counted toward graduation nor the GPA for graduation: Courses numbered below 1000, ARTS 1170, Music 1175, and Drama 1170. Some certificate programs do not require students meet TASP requirements in those programs which do require TASP, students in such programs may enroll only in courses leading toward the certificate in order to maintain their TASP-waived status.

### **Transcript Evaluations**

Students who have completed college coursework at a regionally accredited college or university who will be working toward an Associate of Arts and Sciences, Associate of Arts and Sciences in Business, Associate of Applied Sciences or an Associate of College/University Transfer degree or a one-year certificate should contact the Registrar's Office to request a transcript evaluation.

### **Procedure For Filing Degree And Certificate Plans And For Graduation**

Students should request a degree plan from the Registrar's Office no later than at the end of their freshman year and preferably sooner. Official transcripts of all previous college work must be on file at the time of request for degree plans. Students following a one-year certificate program should request an official plan during the first semester of their enrollment. Application for the granting of the degree or certificate should be filed in the Registrar's Office prior to the deadline announced by the Registrar.

An annual graduation ceremony is held at the conclusion of the spring semester. Participation is ceremonial only and confers on a student no rights to a degree. December graduates may participate in the next commencement if they desire, and July and August graduates may participate in the spring commencement if they desire, but neither is required to do so. The Registrar's Office should be notified if the student wishes to participate. Instructions for graduation are mailed to all candidates prior to commencement.

In addition to other graduation requirements, students are expected to complete within five (5) years the course and hour degree requirements as outlined in the catalog in effect at the time of their entrance to a DCCCD college. Students may have the option to select a more recent catalog year in which they were enrolled, provided the degree requirements are met within five (5) years of the catalog selected and the requisite courses are still offered.

To qualify for a second degree or certificate, a student must fulfill residence requirement and must complete all required courses in the plan for the second degree or certificate.

The college reserves the right to modify curricula or to make changes as appropriate.

The student has the ultimate responsibility to select and register for courses meeting graduation requirements.

### **Tuition Rebate Program**

The State has established a tuition rebate program for students who graduate with a baccalaureate degree from a

Texas public university. Such students may qualify to receive a total of \$1,000 from the baccalaureate-granting institution if they meet the following criteria: (1) must have enrolled in a Texas public institution of higher education in Fall 1997 or thereafter; (2) Must have been a resident of Texas and entitled to pay in-state tuition at all times while pursuing the degree; (3) must have received a baccalaureate degree from a Texas public university; and (4) must have attempted no more than three hours in excess of the minimum number of semester hours required to complete the degree under the catalog under which they were graduated. Hours attempted include transfer credits, course credits earned exclusively by examination, courses that are dropped after the official census date, and for-credit developmental/remedial courses.

Texas public universities are required to provide their students with appropriate forms and instructions regarding this program. Please note this rebate applies only to baccalaureate degree, and therefore, such a rebate cannot by state law, be offered by the DCCCD.

### **Waiving Of Scholastic Deficiency**

Any student in an academic transfer program may transfer to an Applied Science degree or Certificate program. In such a case, the student may choose to have any grades below "C" disregarded. However, the procedure for disregarding low grades may only be exercised while the student is in that career program. If the student changes to an academic transfer program, the original conditions of the academic transfer program must be followed, including the calculation of a cumulative grade point average of all college credits earned. The procedure for waiving scholastic deficiency applies both to students of this college and to students transferring from other institutions. The student who wishes to use the procedure for waiving scholastic deficiency should so state in writing to the Registrar prior to registration and should inform a counselor of such intentions during the pre-registration advisement session.

## **V. EDUCATIONAL AND SPECIAL OPPORTUNITIES FOR STUDENTS WISHING TO TRANSFER**

### **Core Curriculum**

Every Texas public college and university is required by Texas law to have a core curriculum of no less than 42 credit hours. The DCCCD has a core of 48 credit hours. Students who wish to transfer from the DCCCD to another Texas public college or university are *highly encouraged* to begin and complete the core within the DCCCD because the receiving institution *must* accept the DCCCD core in its entirety and substitute the DCCCD core for its own core requirements. It is to the advantage of students that they remain and complete the DCCCD core prior to transferring because of this guarantee that the core will transfer as a whole.

Students who take some of the DCCCD core but do not complete it are assured that core courses will transfer and

apply to the receiving institution's core *if* that institution also requires the same course(s) within its own core requirements. Students should work closely with a DCCCD advisor to ensure they are completing the courses needed for the core requirements.

Receiving institutions have a right to determine if they will accept grades of "D" as meeting the core requirements. Students wishing to transfer are encouraged to make a grade of no less than "C" in any core course.

The DCCCD core of 48 credit hours is composed of the following courses:

### **COMMUNICATIONS--9 credit hours**

Students must successfully complete all courses listed:

English 1301 AND 1302

Speech Communications 1311

### **MATHEMATICS--3 credit hours**

Students must successfully complete one of the courses listed:

Math 1314, 1324, 1332, 1333, 1335, 1342, 1414, 2312, or higher

### **LAB SCIENCES--8 credit hours**

Students must successfully complete two of the courses listed:

Biology 1406, 1407, 1408, 1409

Chemistry 1405, 1407, 1411, 1412

Geology 1401, 1402, 1404, 1445

Physics 1401, 1402, 1405, 1407, 1411, 1412, 1415, 1417, 2425, 2426

Students MAY NOT use the following combinations to meet this requirement: Biology 1406-1408, Chemistry 1405-1411, Physics 1401-1405, Physics 1401-2425, or Physics 1405-2425.

### **SOCIAL/BEHAVIORAL SCIENCES--15 credit hours**

Students must successfully complete all courses listed:

History 1301 AND 1302

Government 2301 AND 2302

Students must successfully complete one of the courses listed:

Anthropology 2346, 2351

Economics 1303, 2301, 2302, 2311

Psychology 2301, 2314, 2316

Sociology 1301, 1306 2319

### **HUMANITIES/VISUAL AND PERFORMING ARTS--9 credit hours**

Students must successfully complete one course listed in each category:

#### **Category I**

Arts 1301, 1303, 1304

Dance 2303

Drama 1310, 2366

Humanities 1301

Music 1306, 1308, 1309

#### **Category II**

English 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333

### **Category III**

Cultural Studies 2301

History 2321, 2322, 2380, 2381

Philosophy 1301, 2306, 2307, 2316, 2317

Religion 1304

**OTHER**—4 credit hours

Students must successfully complete Physical Education 1164 and one of the courses listed:

Computer Science 1300 OR any foreign language course numbered 1300 or higher.

### **Academic Transfer Programs**

The Dallas County Community College District offers a broad range of educational opportunities for the student whose goal is to transfer to a four-year institution. In addition to offering a strong, creative foundation for the freshman and sophomore years, the academic transfer curriculum is coordinated with a number of Texas four-year institutions to insure the transfer of credits. Although each four-year school is different, students may guarantee transferability of their courses by being active and responsible in the advisement process. By consulting the four-year institution regularly and taking advantage of the resources available at each of the DCCCD colleges, students may insure that the transfer process is a positive experience.

The Texas Education Code Section 61.078 enacted by the 71st Texas Legislature (SB 457) provides a means to aid students in resolving disputes regarding the transfer of course credits. To qualify as a dispute the course(s) in question must be listed in the Community College General Academic Course Guide Manual and be offered at the receiving institution. The sending institution, or the student working through the senior institution, must initiate the dispute. From the date a student is notified of the denial of credit, the law allows a maximum of 45 calendar days for the resolution of the dispute by the sending and receiving institutions.

In order to challenge the denial of credit, a "Transfer Dispute Resolution" form, available through the District Office of Articulation and Transfer Services (telephone 214/860-2453 or 2185) must be completed within 15 days after the student has been notified of the denial of credit. This form is sent to the receiving institution.

The receiving institution must then inform the student, the sending institution and the State Commissioner of Higher Education of the resolution. If need be, the Commissioner, or designate, may be called upon to resolve the dispute.

### **Earning An Associate Degree Prior To Transferring**

During the time of attendance in the DCCCD, students may elect to earn a two-year associate degree. The Associate of Arts and Sciences Degree is designed specifically for those students who plan to transfer to a Texas four-year institution. The Associate of Arts and Sciences Degree requires students to complete many of the core courses that will also be required by most senior institutions. The flexibility

of this degree program also allows students to complete many of the introductory courses specifically related to their major field of study. For those students seeking a four-year degree in Business, the DCCCD offers the Associate of Arts and Sciences with a specialization in Business. Additional information regarding this degree can be found elsewhere in this catalog, from a counselor or advisor, or on the ADCCCD Transfer Information and Services@ home page on the World Wide Web (<http://www.dcccd.edu/trans/transfer.htm>).

The Associate of College/University Transfer Degree is an individually negotiated degree designed to permit students to take only those courses which will apply toward a specific major at a specific university. Additional information about this degree can be found elsewhere in this catalog or on the World Wide Web home page listed above.

### **Guarantee For Transfer Credit**

The DCCCD guarantees to its Associate of Arts and Sciences graduates and other students who have met the requirements of a 60 credit-hour transfer plan the transferability of course credits to those Texas colleges or universities which have chosen to participate in the DCCCD Transfer Guarantee Program. If such courses are rejected by the college or the university, the student may take tuition-free alternate courses at a District college which are acceptable to the college or university. In addition, students may receive the Associate of College/University Transfer Degree upon the completion of 61 credit hours which are included in the Student Transfer Guarantee.

Special Conditions which apply to the guarantee are as follows:

1. Transferability means the acceptance of credits toward a specific major and degree. Courses must be identified by the receiving university as transferable and applicable in Transfer Guides dated 1991-92 or later;
2. Limitations of total number of credits accepted in transfer, grades required, relevant grade point average and duration of transferability apply as stated in the catalog of the receiving institution; and
3. The guarantee applies to courses included in a written transfer guide—which includes the institution to which the student will transfer, as well as the baccalaureate major and degree sought. Transfer guides dated 1995-1996 or before can be guaranteed by filing a Transfer Guarantee form with a DCCCD Guarantee Advisor.

This guarantee is designed specifically for those DCCCD students who have made firm decisions about their major and the institution to which they plan to transfer. The DCCCD is working with a number of Texas institutions, such as the University of North Texas, Texas A&M at Commerce, the University of Texas at Arlington, the University of Texas at Dallas, Texas Woman's University, Texas Tech University, Dallas Baptist University, Baylor University, Southern Methodist University and others, in order to make such guarantees

possible. In order to secure such a guarantee, students should begin the process in their College Counseling/Advisement Center by scheduling an appointment with the Transfer Guarantee advisor.

Students who have completed a Transfer Guarantee may be eligible to receive the Associate of College/University Transfer Degree. Such students will be notified of this opportunity.

### **Transfer Dispute Resolution**

The Texas Higher Education Coordinating Board intends that approved academic coursework transfer between Texas public institutions, providing that the course(s) are within approved transfer curriculum of the declared major field and provided that published transfer policies are met. Texas public institutions are required to notify students if approved academic coursework earned at another institution will not transfer.

Students transferring to the College can expect that approved academic courses earned at any Texas public institution will be accepted in transfer. Students who dispute a transfer decision made by the College should contact the District Office of Articulation and Transfer Services to appeal the denial of transfer credit for any approved academic course.

If an academic course is not accepted in transfer by another Texas public college or university, students can request that the College submit a Transfer Dispute Form to the receiving institution. Forms are available through the District Office of Student and International Programs. The form must be completed within 15 days from the date the student is notified of the non-transfer. If the college cannot identify an appropriate reason for the course not transferring, the form will be forwarded to the receiving institution and/or to the Coordinating Board for resolution.

### **Choosing A Major And Developing An Educational Plan**

Some students will enter college with a clear idea of what major they will choose and to which senior institution they will transfer. However, the fact is that many students do not know where they will transfer or what their major may be.

There are several freshman level core courses that will apply toward most majors. Students are encouraged to use the first semester to investigate their own interests. By the second or third semester students should begin to develop a clear sense of which senior institution they will enter and the requirements for their chosen degree program. Working closely with a counselor or advisor, and utilizing current information from four-year institutions, students who plan to transfer are encouraged to follow the Associate in Arts and Sciences Degree plan as many of the required courses are often required at four-year institutions.

The Counseling personnel at each of the DCCCD campuses can provide assistance in developing a degree plan for almost any major. Listed below are some of the four-year majors students can begin in the DCCCD:

Accounting  
Advertising  
Agriculture  
American Studies  
Anthropology  
Architecture  
Art  
Biological Science  
Botany  
Business Administration  
Chemistry

Computer Science  
Dance  
Dental Hygiene  
\*Dentistry  
Dietetics  
Drama  
Economics  
Engineering  
English  
Entomology  
Finance  
Fine Arts  
Foreign Languages  
Forestry  
Geography  
Geology  
Health Sciences  
History  
Industrial Arts  
Interior Design

Journalism  
\*Law

Legal Science  
Liberal Arts  
Life Sciences  
Management

*\*These fields require studies beyond a bachelor's degree.*

Marine Biology  
Marketing  
Mathematics  
Medical Tech  
\*Medicine  
Meteorology  
Microbiology  
Music  
Music Education  
Nursing  
Occupational  
Therapy  
Oceanography  
Optometry  
Pharmacy  
Philosophy  
Photojournalism  
Physical Education  
Physical Science  
Physical Therapy  
Physics  
Political Science  
Psychology  
Public Relations  
Radio/TV/Film  
Recreation  
Social Work  
Sociology  
Speech Commun.  
Speech Pathology  
Teacher Prep.  
Telecommunications  
Theatre  
\*Veterinary  
Medicine  
Wildlife Mgt.  
Zoology

### **College Resources For Transfer Students**

Each of the DCCCD colleges offers many resources designed specifically for those students planning to transfer to a four-year institution. Students are encouraged to take advantage of these resources early in their collegiate experience, particularly if they are undecided upon a major or have not selected a senior institution. Many of the resources can assist students in making informed decisions when selecting courses, choosing a transfer institution, and completing all of the necessary steps in the transfer process.

### **World Wide Web Home Page**

Many resources are available electronically on the Internet for future transfer students. The DCCCD Transfer

Information and Services home page address is <http://www.dcccd.edu/trans/transfer.htm>. On the home page, students will find information in the following:

1. Tips on how to transfer successfully.
2. Answers to A most-commonly-asked@ transfer questions.
3. Transfer guides for specific majors at approximately 25 Texas universities.
4. Course-by-course equivalencies for DCCCD courses at Texas universities.
5. Details on the DCCCD Transfer Guarantee Program.

### **The Counseling/Advisement Center**

Students are invited to utilize the valuable resources found in the Counseling/Advisement Center, and are encouraged to seek the advice of a counselor/advisor when planning each semester of study.

The Counseling/Advisement Center has several resources to assist students, including computerized transfer guides, a large collection of senior institution catalogs and bulletins, senior college admission application forms, and other specialized brochures and information. Students can also take advantage of several computer resources, such as DISCOVER, GIS, and SIGI. These simple computer programs are designed to help students clarify goals, identify career and occupational interests, and research information about senior institutions.

In addition, there are many activities planned especially for transfer students. These activities include College Days where officials from senior institutions visit on-campus to talk directly with students, special transfer workshops and seminars, and events designed to assist students in making career decisions:

A number of other materials are available to aid students who plan to transfer. These materials are outlined below.



### **Transfer Guides**

Transfer Guides offer a listing, in DCCCD course numbers, of courses necessary for a number of majors at many institutions throughout Texas. Transfer Guides may be available for the following majors:

Accounting	Kinesiology (Exercise & Sports Science)
Advertising Art	Legal Science
Aerospace Engineering	Management
Agriculture	Marketing
Architecture	Mathematics
Art	Medical Tech
Biology	Music
Business Administration	Music Education
Chemical Engineering	Nursing
Chemistry	Occupational Therapy
Civil Engineering	Pharmacy
Computer Science	Photojournalism
Criminal Justice	Physical Education
Dental Hygiene	Physical Therapy
Economics	Physician Assistant
Electrical Engineering	Physics
English	Political Science
Exercise and Sports Studies	Pre-Law
Fashion Design	Pre-Medicine
Fashion Merchandising	Pre-Veterinary
Finance	Psychology
Foreign Languages	Radio/TV/Film
Geography	Social Work
Geology	Sociology
History	Speech
Motel & Restaurant Management	Speech Pathology/ Audiology
Industrial Engineering	Teacher Prep
Interior Design	Theatre
	Undecided

Although the information on these guides has been reviewed by officials at the various senior institutions, the content is subject to change, and it is the responsibility of the student to verify with the institutions of their choice the applicability of this information. Counselors and academic advisors can also assist students with preparation for majors other than those listed above.

### **Course-by-Course Equivalency Guides**

Equivalency Guides offer a listing of how every course offered in the DCCCD transfers to a given senior institution. This information is helpful for those students who have selected a senior institution, but have yet to determine a major. Students should note that the transfer equivalencies shown on these guides offer information on how, or if, courses are generally accepted by the senior institution, and do not indicate how these courses will apply toward a particular major or degree program. A counselor/advisor can assist students in determining the applicability of courses to a particular major.

## Common Course Numbering System

To help meet the transfer needs of its students, the Dallas County Community College District has joined the Texas Common Course Numbering System Consortium. All Texas community/junior colleges have moved to this system. Most universities are cooperating with this new numbering system indicating courses equivalent to the common course system.

Institutions teach courses similar in nature and these courses have been designated by a common number. The common number is to facilitate the transfer of these courses between and among the participating institutions. Elsewhere in this catalog can be found course descriptions for every course offered in the DCCCD. Course descriptions will indicate if a course has been assigned a common course number. Students should not assume that only courses with common course numbers will transfer.

## Choosing A Catalog Year

Students who plan to transfer to a four-year school have a choice to make regarding their requirements for graduation. They may choose the catalog year under which they wish to graduate. This choice is subject to restrictions that are outlined in the four-year school's catalog. Students should consult their advisor or the catalog of their choice to learn about any such limitations.

Transferring students should keep a copy of the DCCCD catalog, the four-year institution's catalog, and the Transfer Guide valid at the time of initial enrollment in the DCCCD and at the time when a major was selected. DCCCD course syllabi should also be kept.

## Other Things To Consider

During the time of study in the DCCCD, students should begin to determine the necessary steps for completing the transfer admission process. The process may require a great amount of preparation, and students should be certain they understand all of the requirements for admission, such as application deadlines, minimum grade-point average requirements, limitation on the number of credit hours that are acceptable in transfer, policies regarding acceptance of repeated courses, housing information, and financial aid application procedures. Of equal importance is a personal visit to the chosen institution. Many senior institutions plan special activities and campus visitation periods where students can meet with representatives from all areas of the institution.

IT IS THE RESPONSIBILITY OF STUDENTS TO KNOW ANY SPECIFIC REQUIREMENT OF THE COLLEGE OR UNIVERSITY TO WHICH THEY WISH TO TRANSFER. THIS RESPONSIBILITY INCLUDES KNOWING COURSE REQUIREMENTS, NUMBER OF CREDIT HOURS ACCEPTED, AND GRADE POINT AVERAGE REQUIREMENTS.

## VI.DISTANCE LEARNING PROGRAMS

The Dallas County Community Colleges' Distance Learning Program allows students to obtain their A.A.S degrees entirely through distance learning. For specific course

options, please see the ADistance Learning@ degree plan found elsewhere in this catalog. For additional details, consult the Schedule of Classes published by each college or contact 972-669-6400 for more information.

Over one hundred different distance learning courses are offered, including accounting, anthropology, business, computer science, economics, English, health, history, humanities, government, management, mathematics, nutrition, philosophy, physical education, psychology, science, sociology, Spanish, and speech.

## What Is Distance Learning?

*Distance Learning* classes are delivered to students through television, the Internet, or other types of technology.

## How Do Distance Learning Courses Compare to Courses on Campus?

Each course is the equivalent of the on-campus section of the same course in terms of objectives, content, rigor, and transferability. Students must meet stated prerequisites or assessment scores where applicable.

Tuition is the same for distance learning courses as for courses on campus. Students who apply and register through the distance learning website will pay an additional distance learning fee. For information about tuition assistance, contact the Financial Aid Office.

## What Kinds of Distance Learning Courses Are Available?

Telecourses, Online courses, Telecourse Plus Online courses, Live TV courses, and other courses are the types of courses in the DCCCD distance learning program.

### *A TELECOURSE includes:*

- A series of video programs, usually two 30-minute programs per week, which can be viewed at home on TV, taped for viewing later, or leased as a set.
- A textbook, a study guide, and, in some courses, supplemental print or software.
- Written assignments and tests at the testing center of the college of enrollment.
- A **required** orientation.

### *An ONLINE COURSE includes:*

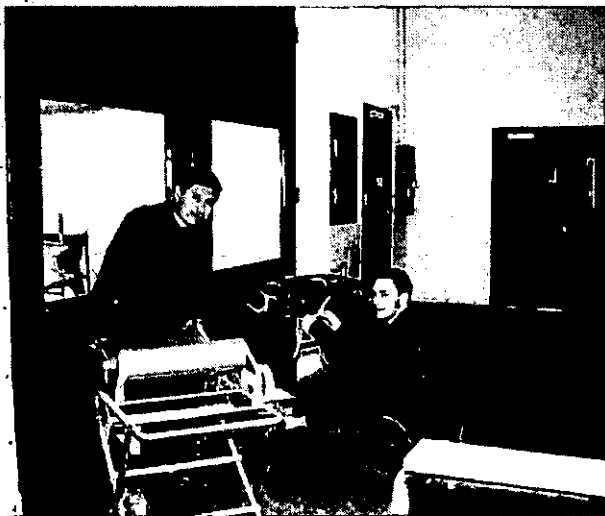
- Lectures, notes, and assignments available to students through their office or home computers.
- Interaction with the instructor and other students provided through the use of live teleconferencing, discussion forums, and electronic mail.
- Textbook, study guides, software, and supplemental reading required in some courses.
- A **required** orientation session.
- NOTE: Students taking these courses must have a computer, an Internet connection, an e-mail account and Netscape Navigator 3.1 or Internet Explorer 3.02 or higher. Some courses also require other specific software packages.

### *A TELECOURSE PLUS ONLINE COURSE*

*includes:*

- Elements of both Telecourses and Online Courses.





#### ***A LIVE TV COURSE includes:***

- Live classes on television which must be watched at the time of broadcast. Students' interaction with the instructor during the class is done by telephone (from home) or microphone (from campus). Students viewing from home must have cable television and should consult the Distance Learning Section in the College Schedule of Classes for details about which cable companies in Dallas carry these courses.
- A textbook and, in some courses, supplemental print or software.
- Written assignments and tests at the testing center of the college of enrollment.
- A required orientation.

***OTHER distance learning courses may include some or all of the elements of other types of courses plus:***

***!Participation in special activities related to the course.***

#### **How Do I Register?**

Register just as you would for any other course on campus. See admission and registration information elsewhere in this catalog.

#### **Will Distance Learning Courses Transfer to Other Institutions?**

A distance learning course will transfer in situations where the on-campus section of the same course will transfer; however, students who plan to transfer to a four-year institution must consult the catalog of that institution and work with an advisor in planning their academic program. Material about transfer information is available in the Counseling Center.

#### **How Can I Get More Information?**

Read the course descriptions in the Schedule of Classes for each semester or call the Distance Learning Hotline at 972-669-6400.

***Visit our home page at <http://dallas.dcccd.edu>***

For recorded voice mail information, please call 972-669-6410 (touch-tone telephone only!) and follow the directions to access the information you need.

## **VII. OTHER EDUCATIONAL PROGRAMS**

### **Workforce/Technical Programs**

Students who are interested in preparing for a career in a chosen field as a skilled employee after one or two years of college work may enroll in one of the many workforce/technical programs offered by the College. These programs are established only after studies verify that employment opportunities exist in business and industry.

Workforce/technical courses are accredited college courses which lead to a Certificate or an Associate of Applied Sciences Degree. These programs are designed for a student to complete the program within one or two years.

With the assistance and cooperation of representatives from local business, industry, and public agencies, the workforce/technical programs are designed to meet the increasing workforce needs of the local and regional industries. These programs provide individuals the opportunity to develop the necessary competencies to meet the demands of area employers. The college offers a Guarantee for Job Competency for all students who earn a Certificate or an Associate of Applied Sciences degree.

Placement assistance is available for students in workforce/technical programs. A continuous liaison is maintained with local and regional industries to keep students informed of employment opportunities.

### **Workforce Education Course Manual (WECM)**

The Workforce Education Course Manual (WECM) is a statewide inventory of workforce education courses offered for Semester Credit Hours and Continuing Education Units that community colleges can use to respond rapidly to the needs of business and industry. Instead of each institution creating courses and programs from scratch, the WECM offers a means for the continual design and updating of high quality workforce courses through collaboration with business/industry and the combined expertise of community college faculty from across Texas.

Courses cited in the WECM are approved from the Texas Higher Education Coordinating Board for use by all Texas public community and technical colleges. Therefore, students who earn semester credit hour and Continuing Education Units by successfully completing the requirements for the course(s) will be able to transfer the credits or CEU's to another Texas public community or technical college that also offers the same course(s).

### **Tech-Prep**

Students can earn college credit while in high school through Tech Prep. Each DCCCD Tech Prep program is a planned sequence of course work developed cooperatively between the public districts and the DCCCD. These programs are supported and approved by both The Texas Education Agency (TEA) and The Texas Higher Education Coordinating Board (THECB).

Tech Prep prepares students for direct entry into the workplace as technically skilled employees. Each program also provides students with opportunities to earn an advanced skills certificate or transfer to area universities.

High school students can follow these **PREP** steps to participate in Tech Prep:

1. Pick a Tech Prep career program offered at your high school.
2. Register to take the high school Tech Prep course work.

*After high school graduation*

3. Enroll in the Tech Prep program at one of the DCCCD colleges.
4. Petition to articulate high school Tech Prep course work into the program degree plan and complete the college course work.

For more information about Tech Prep career preparation programs contact the counselor or career and technology teacher at your high school or call the DCCCD District Tech Prep office at (214)-860-2324.

### Credit-By-Examination

Students who believe they already meet the requirements of a course by experience or previous training may request credit by examination. Students may not request credit-by-examination in courses for which they are currently enrolled. The Registrar's Office has knowledge of courses available through this method. The examination may be an approved subject examination (not a general examination) of the College Level Examination Program (CLEP), Advanced Placement Exams (CEEB), Defense Activity for Nontraditional Education Support (DANTES), or an instructor-made test, depending on the course. Students should ensure DCCCD acceptance of specific national exams prior to taking them. Scores for national testing programs, such as CLEP, AP, and DANTES, will be valid for 10 years.

The student must pay an examination fee for each course examination. This fee must be paid prior to taking the examination and is not refundable. Final acceptance of credit-by-examination for specific degree purposes is determined by the degree-granting institution. Students planning to use credit-by-examination to meet degree requirements at other institutions should check the requirements of the receiving institution.

Students must be currently enrolled at a DCCCD college to receive credit by examination. While students currently enrolled in a course are not normally eligible for national testing programs, the foreign language curriculum committee permits an exception to this policy for students enrolled in foreign language courses. Students may earn as many credits through examination as their ability permits and needs require, but at least 25% of the credit hours required for graduation must be taken by instruction and not by credit-by-examination.

Credit by examination may be attempted only one time in any given course, and a minimum score must be earned in order for credit to be recorded. Those who successfully complete an approved national exam are granted ACR@ for credit rather than a grade.

As of the publication date of this catalog, the following national tests are approved for credit-by-examination procedures:

*CLEP Subject Exams (CLEP General Exams are NOT approved)*

<u>Test</u>	<u>DCCCD Courses</u>
Intro. Accounting	ACCT 2301, 2302
Principles of Accounting	ACCT 2301, 2302
General Biology	BIOL 1406, 1407
Intro. Business Law	BUSI 2301
General Chemistry	CHEM 1411, 1412
Intro. Macroeconomics	ECON 2301
Intro. Microeconomics	ECON 2302
Principles/Macroeconomics	ECON 2301
Principles/Microeconomics	ECON 2302
English Literature	ENGL 2322, 2323
American Literature	ENGL 2327, 2328
College French 1-2	FREN 1411, 1412
College Level French Language	FREN 1411, 1412
College German 1-2	GERM 1411, 1412
College Level German Language	GERM 1411, 1412 and 2311, 2312
American Government	GOVT 2302
American History 1	HIST 1301
History of U.S. I	HIST 1301
History of U.S. II	HIST 1302
Western Civilization 1	HIST 2311
Western Civilization 2	HIST 2312
Intro. Management	MGMT 1370
Principles of Management	MGMT 1370
Principles of Marketing	MRKT 2370
College Algebra (1979)	MATH 1314
College Algebra (1993)	MATH 1314
Trigonometry	MATH 1316
Calculus w/ Elementary Functions (1995)	MATH 2513
Intro. Psychology	PSYC 2301
Human Growth & Development	PSYC 2314
Intro. Sociology	SOCI 1301
College Spanish 1-2	SPAN 1411, 1412 and 2311, 2312
College Level Spanish Language	SPAN 1411, 1412, and 2311, 2312

*DANTES (Additional DANTES tests may be approved)*

<u>TEST</u>	<u>DCCCD Courses</u>
Principles of Financial Accounting	ACCT 2301
Introduction to Business	BUSI 1301
Basic Technical Drafting	CADD 1272

Introduction to Computers w/ Programming in BASIC	CISC 1373
Lifespan Developmental Psychology	PSYC 2314

#### **Advanced Placement Examination**

<b>Test</b>	<b>DCCCD Courses</b>
Biology	BIOL 1406, 1407
Chemistry	CHEM 1411, 1412
Computer Science AB 2318, or COSC 1315	COSC 1315 and COSC
English Language/Composition	ENGL 1301, 1302
Math-Calculus AB	MATH 2412
Math-Calculus BC	MATH 2513
Physics B	PHYS 1401, 1402

Students taking advantage of these tests should check with the Office of the Registrar to ensure these tests will be accepted in lieu of coursework. This should be done prior to taking the test as the above list may change. Students may challenge courses not on this list by taking an instructor-made examination. Students interested in this method should contact the appropriate academic division office.

#### **Non-Traditional Learning**

The College is committed to serve students and the community in the most effective manner possible while maintaining high standards of education. Students learn in a variety of ways and through a multitude of experiences. Therefore, the College will evaluate these learning experiences and grant equivalent college credit applicable to an Associate of Applied Science degree or certificate program. The following guidelines pertain to such evaluations:

1. The student must be currently enrolled in the College to receive equivalent credit for non-traditional learning.
2. Credit for specific courses offered by the College may be granted for non-traditional learning experiences after proper assessment of those experiences. Credit will be awarded on a course-by-course basis only. The student must be enrolled in the College which is assessing the learning experiences.
3. A student is required to complete at least 12 semester hours of course work with the District, six of which are



in the student's major occupational area, prior to awarding of equivalent credits for non-traditional course work accepted for credit.

4. Credit may be granted for occupational courses in programs approved by the Texas Higher Education Coordinating Board.
5. The number of equivalent credits awarded may not exceed 25% of the total number of credits required. The number of equivalent credits awarded may not exceed the total number of credits required for the student's specific associate degree objectives. No graduation, residency, degree or program requirements will be waived as a result of credits earned as provided by this policy.

Students desiring to take advantage of this opportunity should consult with the College Advocate for Non-traditional Learning for additional information. Students making application for assessment of prior learning through life experiences are required to enroll in Human Development 0110 to facilitate the process.

#### **Flexible Entry Courses**

In keeping with its commitment to meet individual educational needs, the College makes available flexible entry courses. These courses are often self-paced, allowing students to work at their own speed. Students are cautioned to be aware of the time specified by the College as to when the course requirements need to be completed. Students should check with the Registrar to determine times for registration in these courses. Approval must be obtained for enrollment.

#### **Cooperative Work Experience**

Students may enrich their education by enrolling in cooperative education courses. Cooperative education is a method of instruction offering the student the opportunity to earn college credit for the development and achievement of learning objectives that are accomplished through current on-the-job experience.

Work experience must be related to a field of study and an occupational goal. This work experience takes place at work training stations approved by the College. Employers must be willing to enter into training agreements with the College and the student/employee. The College will assist a student in seeking approvable employment, if needed.

To enroll in a cooperative education course, students must:

- complete an application for a student cooperative work experience program
  - have completed at least six semester hours in an occupational major or secure waiver or requirement from the instructor
  - declare a technical/occupation major or file a degree plan
  - be currently enrolled in a course related to the major area of study be approved by the instructor
- Additional information regarding cooperative education

may be secured from the Cooperative Education Office, the Division Office, or Counseling Office at each college.

Workforce/Technical programs which include cooperative education are indicated in this catalog.

### **International Studies\Study Abroad Opportunities**

An important part of the DCCCD's commitment to enhancing student appreciation for and understanding of diverse cultures is its international studies/study abroad programs. These are available in a variety of countries during both the regular semesters and in the summer. Semester-length programs are currently available in England, France, Mexico, Spain, Italy and Ireland. Students are usually sophomore level and have at least a 2.5 cumulative grade point. In most programs, no prior knowledge of a foreign language is required allowing even novices to learn a language in its cultural context while taking other credit courses taught in English to complete their study of the native culture.

Also offered by many of the campuses are study-abroad opportunities during the summer sessions. Such courses are taught by DCCCD faculty and normally last two to three weeks. In previous years these courses have been offered in Austria, Australia, China, Dominican Republic, France, Great Britain, Russia, Mexico, Jamaica, Spain, and Italy. For information about any of the semester-length or summer programs, contact the District Office of Student and International Programs or contact the Study Abroad Advisor at the college.

Texas residents who are students from institutions belonging to the North Texas Community and Junior College Consortium may enroll in DCCCD international courses by paying "in-District" tuition charges plus related fees.

### **Human Development Courses**

The Human Development curriculum is comprised of several different courses that provide a theoretical and practical foundation in human growth and development across the life span. These courses are organized around different topics including educational and career/life planning; interpersonal communication; personal and social growth; learning theory and study skills; and success in college. Some campuses offer special sections of Human Development courses that emphasize various issues such as understanding multi-cultural concepts, making life transitions, and appreciating gender differences for special populations including women returning to school, adults making career or job changes, at-risk students, young adults, or academically under prepared students.

Human Development courses transfer to many four year institutions as elective credit. These courses use an experiential model that allows for the use of a wide variety of teaching/learning strategies including small group work, journal writing, mini-lectures, selected readings, classroom discussion, team teaching, peer teaching, outside guest speakers, psychometric testing, and volunteer experiences in the community.

### **Developmental Education**

Many levels of Developmental Writing, Developmental Reading, Developmental Math, and English as a Second Language courses are offered to enable under prepared students to complete the prerequisites for college-level work and to satisfy TASP remediation requirements. Students with low assessment test scores will be advised to enroll in developmental courses. Other students who wish to review and improve basic skills may also elect to take one or more developmental courses. Students who fail a portion of the state mandated TASP Test will be required to participate continuously in developmental coursework until they retake and pass the failed section. Failure to attend and participate in the required developmental coursework will result in administrative withdrawal from all college-level classes.

### **Evening and Weekend College**

In order to serve those people whose work schedule and/or personal involvements make it impossible for them to attend college during normal daytime hours, most courses offered during the day are also available in the evening or on the weekend. Courses are offered both on campus and at selected community locations.

Evening and weekend courses offer high quality instruction and excellent facilities. A variety of student services, including advisement, health, library, bookstore, food services, financial aid, and recreation may be available. Instructors are selected from the College's own full-time staff, from outstanding Dallas area educators, or from other professional specialists interested in teaching. To enroll in the evening and weekend courses, contact the Director of Admissions.

### **Library and Student Obligations**

The library is an information center where students MAY find print, non-print materials, electronic full-text resources, the Internet and database services to supplement classroom learning. The library has a growing collection of books on a wide variety of general information areas to support academic transfer programs and technical/occupational programs. Other resources provided may include slides, tapes, compact discs, computer software, videotape, and films. In addition, there are special collections of career materials, pamphlets, popular and technical periodicals and newspapers.

Willful damage to library materials (or property) or actions disturbing users of the library may lead to the loss of library privileges. Damage cases are referred to the appropriate authorities for further action. All books and other library materials must be returned before the end of each semester. No transcript is issued until the student's library record is cleared.

### **Reserve Officers Training Corps**

The DCCCD offers a program in ROTC in cooperation with the University of Texas at Arlington. The ROTC program provides a unique opportunity for students to assess and develop their leadership skills. A wide variety of settings are provided to expose students to the styles, techniques, and

tools of leadership. It also develops college-educated officers for the active Army and the reserve components. This affords the student the opportunity to pursue either a civilian or military career after completing college.

ROTC credits may be used in the completion of a college degree by applying them to elective hours. Military science may be used as a minor course of study in many degree programs at The University of Texas at Arlington. To be eligible, the student must be enrolled in the ROTC program, must receive acceptance of military science as a minor from his/her major degree department, and must complete 18 hours of military science, 10 of which are advanced. Students who participate in ROTC while enrolled in the DCCCD will be eligible to apply for ROTC scholarships to complete degrees at UTA. The U.S. Army Scholarship Program provides an excellent way for young men and young women to obtain assistance in financing a college education. Every scholarship provides for payment of all expenses incurred for fees and tuition, an allowance for books and supplies, and \$150 a month for up to 10 months per year.

### **Servicemen's Opportunity College**

In cooperation with other community colleges in the United States, colleges of the Dallas County Community College District participate in the Servicemen's Opportunity College. Through this program, students can plan an educational experience regardless of location requirements of the military. While military service, *per se*, carries no equivalent college credit, coursework earned in the military MAY result in equivalent college credit with appropriate documentation. For further information contact the Registrars Office.

### **Continuing Education Programs**

Within the Dallas County Community College District, Continuing Education delivers flexible, diverse, visionary instruction responsive to the needs of its public, private, and corporate citizens. Continuing Education provides workforce training, personal and professional development courses, and other outreach programs to enhance individual, community and economic development.

Continuing Education instructors are professionals from the community chosen for their knowledge, expertise and experience in their field. Training and instruction are offered as courses, programs, seminars and workshops. Registration is continuous, convenient and customer-oriented with new classes starting at various times during the semester. Continuing Education classes are held on the college campus and in a variety of locations throughout the community. Classes are held on weekdays and weekends, both during the day and evening hours.

A variety of student services are available for CE students including financial aid, library privileges, placement assistance and tutoring/counseling. Scholarship and grants are available for specific programs and courses. To apply for these funds please inquire at the Continuing Education Office.

### **Continuing Education Units**

Continuing Education Units (CEUs) are transcribed upon successful completion of approved vocational course competencies. In all recognized educational circles, one CEU is equal to ten contact hours of participation in an organized Continuing Education or extension experience. The CEU is a means of recording and accounting for Continuing Education activities and meeting the certification requirements of certain professional organizations.

### **The Bill J. Priest Institute for Economic Development**

The Bill J. Priest Institute for Economic Development is located at 1402 Corinth, just south of downtown Dallas. The Institute assists individuals and organizations in creating jobs and improving business performance.

The Institute's program areas include:

**Business Performance Improvement Services** — assessment services and non-credit customized contract training and to business and industry.

**Edmund J. Kahn Job Training Center** — short-term, intensive career training and basic skills/GED preparation instruction.

**Dallas Small Business Development Center** — free one-on-one counseling, affordable training, and resources to small businesses throughout Dallas County.

**International Small Business Development Center** — training and free counseling to businesses interested in international trade, located at the World Trade Center.

**Center for Government Contracting** — free counseling and affordable training and resources to businesses seeking government contracts at municipal, county, state or federal levels.

**Technology Assistance Center** — counseling services and training seminars focusing on technology transfer, product development and commercialization, intellectual property protection, the invention process and licensing and the Internet.

**Business Incubation Center** — cost-shared office facilities and services to small businesses.

**North Texas Small Business Development Center** — one of four regional offices in Texas, oversees SBDC activities in 49 counties.

**Testing Center** — correspondence testing, credit by exam, ESL assessment, GED testing, National Food Protection Certification Program for food handlers as well as various national certifications, licensing and board exams for professional groups.

For more information about any of these programs, please consult the Bill Priest Institute section at the back of the comprehensive District Catalog or call 214-860-5809.

## VIII. STUDENT DEVELOPMENT

The College is committed to providing opportunities for each individual student's total educational development. Specific student services are integrated with the instructional program of the College to address individual needs for educational, personal, social, cultural, and career development.

### Student Programs and Resources

The Student Programs and Resources Office plans and presents a wide variety of programs and activities for the general campus population and the surrounding community, including lectures, art gallery activities, and performance events. Programs often are coordinated with the various instructional divisions to provide students with valuable educational experiences. Leadership conferences, retreats, diversity training, and service learning programs offer students opportunities to develop skills that may enrich the quality of their own lives and the life of their community. Student Programs and Resources seeks to involve students meaningfully in campus life. Recent research in higher education indicates that for many students involvement is an important contributor to academic success.

The Dallas County Community College District invites all students to take an active role in their college experience. There are many opportunities for students to become involved in the decision-making processes for the college. You may want to join a student club, participate in student government/ambassador activities, or serve on one of several committees engaging in real decision making for the College. Depending on the college you attend, students may be involved regularly in decisions regarding:

- **selecting** the use of student activity fees and other institutional funds;
- **determining** improvements for an aspect of the college (facilities, services provided, instruction, etc.);
- **programming speakers** and special events offered to the student body;
- **participating** in student disciplinary hearings;
- **conducting** (or completing) surveys and questionnaires designed to gather information about your college experiences; and
- **assisting** in the selection process of new college administration.

### Counseling/Advisement Services

Individuals may find counseling/advisement services helpful as they make plans and decisions in various phases of their development. For example, counselors and academic advisors can assist students in selecting courses of study, determining transferability of courses, choosing or changing careers, gaining independence, and confronting problems of daily living. Assistance is provided by the counseling/advising staff in the following areas:

1. Career counseling to explore possible vocational directions, occupational information, and self appraisal of interest, personality and abilities.
2. Academic advisement to develop and clarify educational plans and make appropriate course choices.
3. Confidential counseling sessions to assist students in managing the academic environment and dealing with issues which may hinder success.
4. Small group discussions led by counselors focusing on such areas as interpersonal relationships, test anxiety, and assertiveness. Counselors will consider forming any type of group for which there is a demand.
5. Crisis intervention and referral sources to provide in-depth assistance for such matters as legal concerns, financial aid, tutoring, job placement, medical problems, or emotional problems.

### Tutoring Services

For students needing special assistance in course work, tutoring services are available. Students are encouraged to seek services through self referral as well as through instructor referral.

### Assessment/Testing Center

The Assessment/Testing Center offers a variety of testing services which meet the expressed needs of students, staff, and community. Some of the services provided include:

1. Academic Testing - supports instructional programs by providing: Instructors tests, Make-up exams, Self-paced exams, Telecourse/DC-Nettesting
2. Assessment Testing – Assessment/Testing Centers provide an approved alternate TASP test that meets both TASP and placement requirements.
3. Standardized Exams - includes national and state exam programs such as: TASP, ACT, SAT, CLEP, GED, etc...
4. Psychometric Testing\* - involves assessment of: Personality, Vocational Interests, Aptitude, and many others

Individuals desiring to take tests in the Centers must provide picture identification before receiving test materials. (Some Centers may also require the student identification card.) \*Students must be referred by a counselor/faculty member for psychometric testing.

There is a charge for some test services. For additional information, please contact the Assessment/Testing Center of the campus you plan to attend.

**The Student Code of Conduct provisions regarding disruptive behavior and/or academic dishonesty apply equally to Assessment/Testing Centers and classrooms. Irregularities will be referred to the proper authorities for disciplinary action.**

### Health Services

The Health Center is a multi-purpose facility that promotes health, wellness, and preventive care for the college community. Registered nurses coordinate and provide the health services which include:



- First aid for accident, injury or illness
- Health information and brochures
- Some over-the-counter (non-prescription) medicines such as Tylenol, aspirin and antacids
- Referral information for community health services
- Selected health education and screening programs
- Confidential health counseling
- A rest area

The health services are available to current students and staff. Students do not need to be sick to come to the Health Center. Health questions and concerns are welcomed. Students with chronic health problems are encouraged to visit the Health Center to discuss any special concerns with the nurse before attending classes and/or whenever problems arise. No information about the individual's health is released without the written permission of that individual unless required to do so by law.

### **Student Health Insurance**

Optional student health insurance, with optional coverages of spouse and children, is available at the college. This limited coverage policy is administered by a local insurance company for a relatively inexpensive fee.

### **Career Planning and Job Placement Services**

The Dallas County Community College District provides career planning and job placement services free of charge to DCCCD students, alumni, former students, and those in the process of enrolling. Although services may vary among DCCCD colleges, most Career Planning and Job Placement Offices provide opportunities for students to learn job search skills such as how to establish employment contacts, complete an application, write a resume and cover letter, and interview for a job.

In addition, some Career Planning and Job Placement centers offer services such as career testing, and computerized career guidance programs are provided to assist with the career decision making process.

Job listing services are provided on each campus, and all DCCCD colleges participate in a computer-assisted job bank which contains full and part-time opportunities in the Metroplex. All Career Planning and Job Placement Offices strictly adhere to EEO and Affirmative Action Guidelines. Employers listing positions with the DCCCD Job Placement Service must be EEO employers. All services are free of charge.



### **Disability Services/Special Services Offices**

The Disability Services/Special Services Offices offer a variety of support services to enable students with disabilities and/or special needs to participate in the full range of college experiences. Services are coordinated to fit the individual needs of the student and may include the following: sign language interpreting, note-taking, tutoring, mobility assistance, reading/audio taping, and loan of specialized equipment such as audio tape recorders, talking calculators, raised-line drawing kits, and large print materials. Academic and

career advisement services, testing accommodations, registration assistance, and extensive information and referral services are also available. Students with disabilities and/or special needs who wish to request accommodations are responsible for documenting their needs and should initiate their request with the Disability Services/Special Services Offices, preferably one month prior to registration. Orientation and registration information will be provided.

Students with disabilities attending any DCCCD college have a right to appeal decisions concerning physical and academic accommodations by submitting a written petition to the college's designated Americans with Disabilities Act (ADA) Compliance Officer.

For additional information, please contact the Disability Services/Special Services Offices at the college you plan to attend.

### **Student Organizations**

Information about participation in any organization may be obtained through the Student Programs and Resources Office. The development of student organizations is determined by student interest. Categories of organizations include co-curricular organizations pertinent to the educational goals and purposes of the College; social organizations to provide an opportunity for friendships and promote a sense of community among students; service organizations to promote student involvement in the community; pre-professional and academic organizations to contribute to the development of students in their career fields.

### **Phi Theta Kappa**

Phi Theta Kappa is the international honor society for community colleges. Founded in 1918 to give prestigious recognition to students with excellent scholarship and character, Phi Theta Kappa has always maintained fidelity to its founders' commitment to provide enrichment in four hallmarks: scholarship, leadership, service, and fellowship. Phi Theta Kappa features some of the nation's finest educational programs for community college students. These programs form the cornerstone of the Dallas County Community College District's successes in nurturing intellectual curiosity, good citizenship, and leadership potential. Many scholarship opportunities are available including The USA All American Scholarships and the Guistwhite Scholarship Program.

### **Who's Who Among Students in American Community Colleges**

Selections to Who's Who Among Students in American Community Colleges are made each fall at each of the Dallas County Community College District campuses. Who's Who is a highly regarded honor reserved for outstanding second-year college students eligible for the program. In general, students are recognized at Graduation and at a convocation in the spring.

## **Intercollegiate Athletics**

The purpose of the intercollegiate athletic program is to provide opportunities for female and male athletes to continue educational activities in sports. Bringing together those students with motor skills beyond the level of the college physical education class and/or intramural offerings, the program promotes physical fitness, intellectual development, social interaction, sportspersonship and team commitment. Additionally, the athletic program strives to be a force for bringing together both participants and spectators of diverse ethnic and cultural backgrounds. Participation on athletic teams is voluntary on a non-scholarship basis for women and men meeting requirements established by the Metro Athletic Conference and the National Junior College Athletic Association.. Most teams are associated with the N.J.C.A.A. and conference champions compete at regional and national tournaments. In the last several years, the DCCCD institutions have been the national champions in basketball, taken second place in the national baseball tournament, have been regional champions and participated in the district tournament in both men's and women's soccer. For more information regarding eligibility, rules, standards, and sports offered, contact the Physical Education Office.

## **Intramural Sports**

The Intramural Sports program provides opportunity for men and women to participate in a variety of individual, dual and team sports in a supervised recreational setting. Students can enrich their campus life, have fun, make new acquaintances and obtain beneficial exercise through the intramural program on the campus. For additional information, contact the intramural director in the Physical Education Office or the Student Programs and Resources Office.

## **Housing**

The College does not operate dormitories of any kind nor maintains listings of available housing for students. Students who do not reside in the area must make their own arrangements for housing.

## **College Police Departments**

Campus safety is provided within the framework of state law to "protect and police buildings and grounds of state institutions of higher learning." All laws of the State of Texas are applicable within the campus community. Officers of the College Police Departments are licensed Peace Officers of the State of Texas; they are specifically trained and educated to protect life and both College and personal property. These officers are vested with full authority to enforce all Texas laws and rules, regulations, and policies of the College, including the Code of Student Conduct.

All colleges of the DCCCD comply with the provisions of the Campus Security Act of 1990, Public Law 101-542. Copies of the document for each campus are available upon request through the College Police Department.

## **Drug-Free Schools and Communities Act**

To satisfy the requirements of the "Drug Free Schools and Communities Act," the DCCCD, its colleges and facilities are committed to creating an educational and work environment free from use or distribution of illicit drugs and abuse of alcohol. All of the DCCCD facilities prohibit the unlawful possession, use or distribution of illicit drugs and alcohol by students and employees on its property or as part of any of its activities. Information and confidential referrals concerning counseling and treatment programs for drug and alcohol abuse may be obtained from the Counseling/Advisement Center, Health Center, and location Human Resources Office.

## **IX. FINANCIAL AID**

Reauthorization of the Higher Education Act of 1965 was signed into law by President Clinton on October 7, 1998 which provides financial aid to eligible students.

Financial aid is available to help those students who, without such aid, would be unable to attend college. The primary resources for meeting the cost of education are the students, the parents and/or spouse. Financial aid, however, can remove the barriers from those families who cannot afford the cost of education beyond high school and can fill in the gap for families who can afford only part of the cost.

### **How to Apply**

The Free Application for Federal Student Assistance (FAFSA) must be completed using data from the Federal Income Tax Return. This form is used to provide an analysis of the financial need. It may be obtained from a high school counselor or from any DCCCD Financial Aid Office. In addition, you may apply electronically through the Internet at <http://www.fafsa.ed.gov>. The FAFSA is to be mailed directly to the address indicated on the application. Six weeks should be allowed for processing. The student should mail the FAFSA at least TWO MONTHS before the priority deadline for the semesters for which the student is applying. In addition to the FAFSA, students must complete the DCCCD Financial Aid Application and return it to the Financial Aid Office of the DCCCD College the student plans to attend. Certain DCCCD colleges may require the completion of additional information forms.

The Department of Education will randomly select some applicants and require that information reported on the FAFSA be verified for accuracy. If the student's application is one that is selected, the student will be required to provide additional documents before financial assistance can be awarded.

The Department of Education matches data such as, the Selective Service, Immigration and Naturalization Service (INS) and the National Student Loan Data System. If the match with INS has not confirmed a student's noncitizen eligibility, the college must submit the copy of the student's document to INS so the confirmation can be completed. Additionally, the social security number of each federal assistance applicant will be verified by the Federal Social Security

Administration. If the number listed by the applicant does not match the records of the Federal Social Security Administration, the application will be returned to the student unprocessed.

For students who attended other colleges, universities, vocational or trade schools, a Financial Aid Transcript may be required from each previous institution, even if no aid was received from a previous school.

Students born after December 31, 1960, and who are required under the Military Selective Service Act to register for the draft, must do so before financial aid can be approved.

### **Priority Processing Dates**

**YOU MUST APPLY FOR ADMISSION TO THE DALLAS COUNTY COMMUNITY COLLEGE DISTRICT BEFORE YOU CAN BE CONSIDERED FOR FINANCIAL AID.** Application for financial assistance received by the following dates will be given first priority:

Academic Year - May 1

Spring Only - October 1

Summer Sessions - April 1

**APPLICATIONS RECEIVED AFTER THESE DATES WILL BE PROCESSED AS TIME AND AVAILABILITY OF FUNDS PERMIT.** Late applicants need to be prepared to pay their own registration and book costs until their application can be completed. Applicants should contact the Financial Aid office at the school that they plan to attend for additional deadlines and requirements.

The student must reapply for financial assistance once each academic year (fall/spring). The award does not continue automatically beyond the period awarded.

### **Grants**

#### **Federal Pell Grants**

The Federal Pell Grant is a federally funded program designed to help undergraduate pre-baccalaureate students continue their education. The purpose of this program is to provide eligible students with a "foundation" of financial aid to assist with the cost of attending college.

All students applying for financial assistance through the College must apply for a Federal Pell Grant. This is done through the FAFSA application discussed earlier. (See How to Apply). Other types of financial aid may be awarded if the student applies and qualifies. Eligibility for a Federal Pell Grant is based on financial need and satisfactory academic progress. The application process takes approximately 6-8 weeks. In response to the Federal Pell Grant application, the Department of Education will provide a Student Aid Report (SAR) to the student. The student should immediately review the SAR to make sure it is correct. The exact amount of the Federal Pell Grant award will depend upon the Estimated Family Contribution (EFC) on the SAR and the number of hours for which the student enrolls.

#### **Federal Supplemental Educational Opportunity Grant (SEOG)**

The Federal SEOG program provides assistance for eligible undergraduate students who show exceptional finan-

cial need and are making satisfactory academic progress toward their educational goal. The actual amount of the grant will vary depending on the availability of funds at the school, the student's family financial condition, and other financial aid the student is receiving. Priority is given to students receiving the Federal Pell Grant and having very limited Estimated Family Contribution (EFC). Students must apply each academic year for the Federal SEOG.

#### **Texas Public Educational Grant (TPEG)**

The TPEG Program was enacted by the 64th Texas Legislature to assist needy students attending state-supported colleges in Texas. To be eligible students must show financial need and be making satisfactory academic progress toward their educational goal. The actual amount of the grant will vary depending on the availability of funds at the school, the student's family financial condition and other financial aid the student is receiving. Grants are awarded on a first-come, first-served basis. This grant is available to students enrolled in credit and certain continuing education courses. Students must apply each academic year for the TPEG.

#### **Texas Public Educational-State Student Incentive Grant (TPE-SSIG)**

The TPE-SSIG Program is a state grant that is matched with federal funds to provide financial assistance to needy students attending state-supported colleges in Texas. To qualify students must make satisfactory academic progress toward their educational goal and have financial need. The actual amount of the grant award will depend on the availability of funds and the degree of financial need. Grants are awarded on a first-come, first-served basis. Students must apply each academic year for the TPE-SSIG.

### **Scholarships**

#### **DCCCD Foundation Scholarships**

The DCCCD Foundation provides a scholarship program for students who attend the colleges of the DCCCD. These funds are made available through the colleges to eligible students who also meet additional criteria of the scholarship funds. Information and application forms are available in the Financial Aid Office of each College.

#### **Miscellaneous Scholarships**

Several of the colleges have a limited number of scholarships available as a result of gifts from individuals, private industry, and community organizations. Generally, the eligibility criteria are the same as noted for the DCCCD Foundation Scholarships, and application forms are available in the Financial Aid office. Information and application forms are available in the Financial Aid Office of each College.

### **Loans**

#### **Federal Stafford Loans**

The Department of Education provides loans from private commercial lending agencies such as banks, savings and loan associations, credit unions, and insurance compa-

nies. To be eligible, students must demonstrate financial need, make satisfactory academic progress toward their educational goal, be enrolled for at least six (6) credit hours and attend a loan entrance counseling session.

The interest rate is variable with a maximum of 9%. Borrowers do not pay interest until six months after ceasing at least half-time enrollment. The U.S. Dept. of Education pays the interest during the time the student is enrolled and during the grace period of six months following enrollment. Repayment begins six months after the student leaves school or drops below half-time enrollment. Lenders will charge a loan origination fee on each loan in addition to the insurance premium charged on the loan. These charges will be deducted from the proceeds of the loan.

Due to high default rates, some colleges delay certification of loans and checks arrive mid-semester.

#### Federal Unsubsidized Stafford Loans

The Federal Unsubsidized Stafford Loan is available for all students regardless of income. Interest payments begin the day the loan is disbursed and the student is responsible for interest accrued during in-school and deferment periods. Repayment of principle begins 6 months after the student drops below half-time enrollment.

#### Federal Parent Loan for Undergraduate Students (FPLUS)

Under the Federal Parent Loan for Undergraduate Students, parents may borrow up to the cost of education, less other aid, per year for each dependent undergraduate student. The interest rate is variable with a cap of 10%. Repayment of principle and interest begins within 60 days after disbursement of the loan. The parent's credit rating will be checked to determine eligibility and disbursement checks will be made co-payable to the parent and the institution.

#### Hinson-Hazlewood College Student Loan Program (HHCSLP)

The Hinson-Hazlewood Loan is a state-funded Federal Stafford Student Loan Program for students who are attending Texas colleges and are eligible to pay Texas resident tuition rates. All Hinson-Hazlewood Loan applicants must demonstrate financial need before a loan can be approved. The loan limit is \$2,625 for the first year and \$3,500 for the second year of undergraduate study and a maximum of \$23,000 for all years of undergraduate study. The actual loan amount may be limited to less than this depending on the cost of attendance, other financial aid, and the family's financial condition.

A loan origination fee and an insurance premium on the life of the student will be taken from the total amount of each loan. The student pays no interest or payments while enrolled at half time or during the six-month grace period. The interest rate will be variable and will be disclosed by the Coordinating Board at time of disbursement. The minimum payment will be \$50 per month over a 5-to 10-year period depending on the total amount borrowed. Participation in this loan program is on an individual college basis.

#### Emergency Short-Term Loans

The colleges of the DCCCD have limited short-term loan funds available that have been established by individuals and organizations, including the DCCCD Foundation, to meet emergency needs of students. Loans are usually limited in amount and bear no interest. These loans must be repaid within 60 days of the date of the loan, or the end of the term, whichever date comes first. A late fee of \$10 and collection costs will be added for payments made after the due date. Students must not have any outstanding debts with the DCCCD to receive these funds.

### **FEDERAL STAFFORD LOAN SAMPLE REPAYMENT SCHEDULE**

*The chart below shows estimated monthly payments and total interest charges for 9% loans of varying amounts, with typical repayment periods. Remember that 9% is the highest the interest rate can be. Your rate may be lower.*

#### **Typical Repayment Plans**

<b>Total Loan Amount</b>	<b># Of Payments</b>	<b>Monthly Interest Payment</b>	<b>Total Charges</b>	<b>Repaid</b>
\$2,600	66	\$50.00	\$ 707.65	\$ 3,307.65
4,000	120	50.67	2,080.44	6,080.44
7,500	120	95.01	3,900.82	11,400.82
10,000	120	126.68	5,201.09	15,201.09
15,000	120	190.01	7,801.64	22,801.64

#### **Employment**

##### Federal Work-Study Program (FWSP)

The Federal Work-Study Program provides part-time employment for students with financial need who are making satisfactory academic progress toward their educational goal. Most students work 15 to 20 hours per week. The amount

students can earn in a school year is determined by the amount of their financial need and other aid awarded as part of their financial aid package. The majority of the students are employed on campus; however, some off-campus community service positions are also available. Students must apply each academic year for Federal Work-Study.

### Student Assistants Employment Program (Non-Work Study)

Part-time employment for students who do not demonstrate financial need is available on campus. The wage rate and the average hours worked per week are the same as the Federal Work-Study Program.

### Off-Campus Employment

Students who need help finding a job off-campus should apply at the Placement office of the college they plan to attend. The wage rate varies with each job and financial need is not a requirement of employment.

### Tuition Exemption Programs

The State of Texas and DCCCD offer a number of exemptions from tuition and fee charges. These exemptions are often overlooked simply because of their unusual nature. They are not related to family income or financial need, nor do they require completion of a regular financial aid application. The Texas Higher Education Coordinating Board (512-427-6340) has information concerning tuition exemption programs and the criteria for eligibility. The exemptions are listed below:

- Veterans and Dependents (Hazlewood Act)
- Highest Ranking High School Graduate
- American (Other than US) Hemisphere Student
- Blind or Deaf Student
- Children of Disabled Fireman and Peace Officers
- Children of Prisoners of War or Persons Missing in Action
- Fire Fighters Enrolled in Fire Science Courses
- Foster Care Students
- Senior Citizens
- AFDC Students
- ROTC/National Guard Students
- Early High School Graduation

### Vocational Rehabilitation

The Texas Rehabilitation Commission offers assistance for tuition and fees to students who are vocationally challenged as a result of a physically or mentally disabling condition. This assistance is generally limited to students not receiving other types of aid. For information, contact the Texas Rehabilitation Commission, (817) 467-8400, FAX (817) 467-8449.

### Bureau of Indian Affairs

The Bureau of Indian Affairs offers educational benefits to American Indian/Native American students. Students need to contact the regional Bureau of Indian Affairs Office regarding eligibility.

Oklahoma Area Education Office  
4149 Highline Blvd., Ste. 380  
Oklahoma City, OK 73108  
(405) 945-6051 or 6052

### Veteran's Benefits Programs

The Veterans' Benefits Programs are coordinated by the Veterans Affairs Office of the college. The function of the Veterans Affairs Office is to assist students with the comple-

tion of proper forms and coordinate the certification procedures for monthly benefits. The office may also counsel veterans concerning VA educational benefits, and if possible, other areas related to the veteran's general welfare, counsel students concerning the enrollment procedures at the college, arrange for tutoring services, and administer the Veterans' Work-Study Program on campus.

### Standards of Progress For Veterans

Acceptable scholastic performance is the maintenance of a grade point average, based on GPA (1), of 2.0 or better. Students who earn a cumulative grade point average of less than 2.0 will be placed on probation. Once on probation, failure to obtain a 2.0 grade point average will result in suspension of benefits. Once suspended, the veteran must obtain a 2.0 cumulative grade point average to re-establish eligibility. The student must receive academic advisement concerning his/her suspension and receive permission to enroll for classes from a suspension academic advisor. An explanation of how grades are interpreted, how grade points are determined, and how a grade point average is calculated can be found in this catalog.

### Guidelines For Veterans

The veteran student should be aware of regulations enforced by the Department of Veterans Affairs:

1. A veteran may be required to pay back portions of the benefits received, if they drop a course or in some other way receive a non-punitive "W" grade.
2. A veteran student who withdraws from all courses attempted during a semester is considered as making unsatisfactory progress by the VA and may lose future benefits.
3. A veteran student who plans to enroll in developmental courses must first take an Assessment Test at the college and show a need in basic skills before enrolling in these courses.
4. A veteran student must enroll in courses required by his/her Educational Degree Plan. A veteran will not receive payment of benefits for courses not required by this plan. Violation of these regulations can cause complications in receiving monthly educational benefits or loss of those benefits. The above VA regulations are subject to change without notice. Students should contact the Veterans Affairs Office in order to be aware of current regulations and procedures. Questions concerning amounts of educational assistance a veteran may be eligible for and other financial related questions should be referred to the Department of Veterans Affairs, Regional Office at 1 (800) 827-1000.

### Hazlewood Act

Under the Hazlewood Act, certain Texas veterans who have exhausted remaining educational benefits from the Department of Veterans Affairs can attend Texas state supported institutions and have tuition and some fees waived. To be eligible, students must have been residents of Texas at the

time they entered the service, have an honorable discharge, must now be residents of Texas, be ineligible for federal financial aid grants, and not be in default on any federal educational loans. Beginning with Fall, 1995, a person may receive benefit under the Act for a maximum of 150 credit hours. Classes taken or attempted prior to the 1995 fall semester are not counted towards this limit. This limit is on hours attempted, not hours completed. To apply, students must submit a copy of their discharge papers, a letter from the Department of Veterans Affairs stating ineligibility for VA educational benefits, a Hazlewood Act application, a bill for tuition and

fees, and proof that the student is not eligible for federal financial aid grants.

In most instances, proof of ineligibility for federal financial aid grants will require the submission of a Student Aid Report. A student must apply for financial aid in order to receive a Student Aid Report.

### Academic Progress Requirements

To comply with applicable laws and accreditation standards, the Dallas County Community College District has developed a policy describing satisfactory progress for both applicants and recipients of student financial aid.

## STUDENT FINANCIAL AID STANDARDS OF ACADEMIC PROGRESS

### I. Purpose and Scope

The following Standards of Academic Progress are effective beginning with the fall 1993 semester and are adopted according to federal mandates for the purpose of determining continuing student eligibility for financial aid. These Standards shall apply to all need-based financial assistance, unless the terms of a particular grant provide otherwise.

### II. Grade Point Average (GPA) Requirement

- A. All new and continuing students applying for financial assistance must have a cumulative GPA that meets the District's requirements (see following chart) on all credit hours earned from District colleges prior to the semester for which aid is requested.
- B. Transfer students from colleges outside the District may be eligible for funding only on a probationary basis **(unless an academic transcript is provided to the Financial Aid Office indicating a cumulative GPA of at least 2.0.)**
- C. Each fall and spring semester students must complete both the minimum numbers of hours from those attempted as well as achieve the Cumulative GPA requirements. The following chart states the minimums that all Financial Aid Students must meet:

SEMESTER REQUIREMENTS		CUMULATIVE GPA REQUIREMENTS	
<i>Hours Attempted</i>	<i>Hours Required To Complete</i>	<i>Hours Attempted</i>	<i>Minimum CPGA Required</i>
12 or more	9	0 to 14	1.50
9 to 11	6	15 to 29	1.70
6 to 8	6	30 to 44	1.90
5 or less	All	45 or more	2.00

### III. Failure to Meet the Standards of Academic Progress

In these provisions, probation or suspension refers only to financial aid probation or suspension.

- A. Following the first semester in which the above standards of academic progress are not met, the student will be placed on probation for the next semester of funding.
- B. The student may be allowed to receive financial aid funds while on probation, but must complete the subsequent term by meeting all of the minimum requirements at the close of that term.
- C. The student who fails to meet the Standards of Academic Progress during the semester of attendance while on probation will be placed on suspension and denied further funding for one semester.
- D. During the first period of suspension, the student must enroll in a minimum of six (6 credit hours) for one semester at a District college, pay the expenses related to that enrollment, and complete all courses attempted with a GPA of 2.0 or better. It is the students responsibility to inform the Financial Aid Office of the completion of this requirement to facilitate reinstatement.
- E. If failure to meet satisfactory progress in a second semester (or any subsequent) results in suspension from financial aid, the student must be enrolled in a minimum of 6 credit hours and complete the semester with a GPA of 2.0 or better.
- F. Students who have been reinstated from any suspension status may continue only on a probationary status for at least one term, regardless of their CPGA at the time of reinstatement.



- G. Students placed on probation or suspension will be notified in writing of their status at the end of the semester.  
H. If failure to meet Satisfactory Progress results in a third suspension from Financial Aid, no additional aid will be awarded.

#### **IV. Appeal Process**

A student who has been denied financial aid because of a failure to meet any of the criteria of the standards may petition the Director of Financial Aid to consider any mitigating circumstances. The student's appeal must be in writing and supporting documentation regarding special circumstances must be provided. Should the Director deny a reinstatement of aid, the student may appeal the Director's decision by following the same procedure of written appeal to the appropriate vice president overseeing the aid office.

#### **V. Maximum Time Allowed for Completion of Educational Objectives**

All financial aid recipients will have a maximum of 90 attempted hours to complete their educational requirements of 90 credit hours.

##### **Additional Information**

- A. Financial Aid will not be provided for:
- courses taken by audit;
  - credit hours earned by placement tests;
  - non-credit coursework;
  - any course registered for after the last official day of late registration (i.e., flex entry, fast track, mini term courses);
  - transfer students attending for summer only.
- B. Grades of "W", "WX", AE@ or "I" will be counted towards hours attempted but will not be treated as completed coursework.
- C. Any "F" grade is a completed grade and will be taken into consideration when calculating the number of hours completed and Cumulative Grade Point Average (CGPA).
- D. Developmental remedial coursework may receive funding up to a maximum of "30 credit hours" according to Federal Regulations.
- E. Support Services: Many services are available at each District college to help students attain academic success. The services include Counseling, Testing, Tutoring, Health Services, Placement, the Career Development Center, and the Learning Resource Center. Information on such services shall be made available to all financial aid students.

# STUDENT CODE OF CONDUCT

Educational opportunities are offered by the Dallas County Community College District without regard to race, color, age, national origin, religion, sex or disability.

## PURPOSE

The purpose of Policies about student conduct and discipline are to provide guidelines for the educational environment of the District. This environment views students in a holistic manner, encouraging and inviting them to learn and grow independently. Such an environment presupposes both rights and responsibilities. Free inquiry and expression are essential parts of this freedom to learn, to grow and to develop. However, this environment also demands appropriate opportunities and conditions in the classroom, on the campus, and in the larger community. Students must exercise these freedoms with responsibility.

## POLICIES, RULES, AND REGULATIONS

**Interpretation of Regulations:** Disciplinary regulations at the college are set forth in writing in order to give students general notice of prohibited conduct. The regulations should be read broadly and are not designed to define misconduct in exhaustive terms.

**Inherent Authority:** The college reserves the right to take necessary and appropriate action to protect the safety and well-being of the campus community.

**Student Participation:** Students are asked to assume positions of responsibility in the college judicial system in order that they might contribute their skills and insights to the resolution of disciplinary cases. Final authority in disciplinary matters, however, is vested in the college administration and in the Board of Trustees.

**Standards of Due Process:** Students who allegedly violate District policy are entitled to fair and equitable proceedings. The focus of inquiry in disciplinary proceedings shall be the guilt or innocence of those accused of violating disciplinary regulations. Formal rules of evidence shall not be applicable, nor shall deviations from prescribed procedures necessarily invalidate a decision or proceeding, unless significant prejudice to a student respondent or the college may result.

**Accountability:** Students may be accountable to both civil authorities and to the college for acts which constitute violations of law and this code. Disciplinary action at the college will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the ground that criminal charges involving the same incident have been dismissed or reduced.

## DEFINITIONS

Definitions to be used in this policy are as follows:

1. "Designated administrator" shall mean an administrator or the officer or officers directly responsible for student affairs in the District.
2. A "student" shall mean one who is currently enrolled in the District. These policies and regulations shall also apply to any prospective or former student who has been accepted for admission or readmission to any component institution while he or she is on the campus of any component institution.
3. "College-sponsored activity" means any activity on or off campus which is initiated, aided, authorized, or supervised by the college.
4. A "college" or "institution" means the colleges of the Dallas County Community College District, including the Bill J. Priest Institute for Economic Development.
5. "College premises" means buildings or grounds owned, leased, operated, controlled, or supervised by the college.
6. "Published college regulation or policy" means standards of conduct or requirements located in the:
  - a. College catalog.
  - b. Board of Trustees policies and administrative procedures manual.
  - c. Student handbook.

- d. Any other official publication.

## BILL J. PRIEST INSTITUTE FOR ECONOMIC DEVELOPMENT

The Provost of the Bill J. Priest Institute for Economic Development and College President are authorized to promulgate written regulations which apply only to students who are subject to provisions of the federal Job Training Partnership Act (JTPA), as amended, its regulations, and other similar federal programs. JTC or College regulations should be designed to foster good work habits, promote skills desired by local employers, and encourage success in obtaining and maintaining a job. JTPA students are subject to conduct standards in the code of student conduct as well as JTC or College regulations; however, the remainder of the code is not applicable to such students. A JTPA student who allegedly violates the code and/or JTC or College regulations must be given an opportunity to appeal expulsion, suspension, or other disciplinary sanctions in a manner determined by the Provost or College President. JTPA students may file grievances with the private industry council only.

## RESPONSIBILITY

Each student shall be charged with notice and knowledge of the contents and provisions of the District's policies, procedures, and regulations concerning student conduct.

All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. In addition to activities prohibited by law, the following types of behavior shall be prohibited:

1. Intentionally causing physical harm to any person on college premises or at college-sponsored activities, or intentionally or recklessly causing reasonable apprehension of such harm or hazing.
2. Unauthorized use, possession, or storage of any weapon on college premises or at college-sponsored activities.
3. Intentionally initiating or causing to be initiated any false report, warning, or threat of fire, explosion, or other emergency on college premises or at college-sponsored activities.
4. Intentionally interfering with normal college or college-sponsored activities, including but not limited to, studying, teaching, research, college administration, or fire, security, or emergency services.
5. Knowingly violating the terms of any disciplinary sanction imposed in accordance with District policies, regulations, and procedures.
6. Unauthorized distribution or possession for purposes of distribution of any controlled substance or illegal drug on college premises or at college-sponsored activities.
7. Intentionally or maliciously furnishing false information to the college.
8. Sexual harassment.
9. Forgery, unauthorized alteration, or unauthorized use of any college document or instrument of identification.
10. Unauthorized use of computer hardware or software.
11. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Board policies. Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion.

"Cheating on a test" shall include:

  - a. Copying from another student's test paper.
  - b. Using test materials not authorized by the person administering the test.
  - c. All forms of academic dishonesty, including cheating, fabrication, facilitating academic dishonesty, plagiarism, and collusion.
  - d. Collaborating with or seeking aid from another student during a test without permission from the test administrator.
  - e. Knowingly using, buying, selling, stealing, or soliciting, in whole or in part, the contents of an unadministered test.
  - f. The unauthorized transporting or removal, in whole or in part, of the contents of the unadministered test.
  - g. Substituting for another student, or permitting another student to substitute for one's self, to take a test.
  - h. Bribing another person to obtain an unadministered test or information about an unadministered test.

"Plagiarism" shall be defined as the appropriating, buying, receiving as a gift, or obtaining by any means another's work and the unacknowledged submission or incorporation of it in one's own written work.

"Collusion" shall be defined as the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements.

12. Intentionally and substantially interfering with the freedom of expression of others on college premises or at college-sponsored activities.
13. Theft of property or of services on college premises or at college-sponsored activities; having possession of stolen property on college premises or at college-sponsored activities.
14. Intentionally destroying or damaging college property or property of others on college premises or at college-sponsored activities.
15. Failure to comply with the direction of college officials, including campus security/safety officers, acting in performance of their duties.
16. Violation of published college regulations or policies. Such regulations or policies may include those relating to entry and use of college facilities, use of vehicles and media equipment, campus demonstrations, misuse of identification cards, and smoking.
17. Use or possession of any controlled substance or illegal drug on college premises or at college-sponsored activities.
18. Unauthorized presence on or use of college premises.
19. Nonpayment or failure to pay any debt owed to the college with intent to defraud.

(Appropriate personnel at a college may be designated by college or District officials to notify students of dishonored checks, library fines, nonpayment of loans, and similar debts. Such personnel may temporarily "block" admission or readmission of a student until the matter is resolved. If the matter is not settled within a reasonable time, such personnel shall refer the matter to the VPSD for appropriate action under this code. Such referral does not prevent or suspend proceeding with other appropriate civil or criminal remedies by college personnel.)

20. Use or possession of an alcoholic beverage on college premises with the exception of:
  - a. specific beverage-related courses with the El Centro food service program, or
  - b. a course that requires the use of alcohol and is approved by the Texas Commission on Law Enforcement Officers' Standards and Education.

## DISCIPLINE

Any student violating this policy shall be subject to disciplinary sanctions including suspension, in accordance with The Student Code of Conduct. A "violation" means an act or omission which is contrary to a published college regulation or policy.

Sanctions for violations of prohibited conduct for (1) through (6) may result in expulsion; for (7) through (20) may result in sanctions other than expulsion or suspension.

Repeated or aggravated violations of any provision of this code may also result in expulsion or suspension or in the imposition of such lesser penalties as are appropriate.

"Aggravated violation" means a violation which resulted or foreseeable could have resulted in significant damage to persons or property or which otherwise posed a substantial threat to the stability and continuance of normal college or college-sponsored activities.

## DISCIPLINARY PROCEEDINGS

When the Vice President of Student Development (VPSD) or officer directly responsible for student affairs or discipline receives information that a student has allegedly violated a published college regulation or policy, the VPSD or a designee shall investigate the alleged violation. After completing the preliminary investigation, the VPSD may:

1. Dismiss the allegation as unfounded, either before or after conferring with the student; or

2. Proceed administratively and impose disciplinary action; or
3. Prepare a complaint based on the alleged violation for use in disciplinary hearings along with a list of witnesses and documentary evidence supporting the allegation.

The VPSD will notify the complainant of the disposition of the complaint. If the VPSD dismisses the allegation, the complainant may appeal to the President for review in writing within five (5) working days after disposition.

The President or a designee may suspend a student immediately and without prior notice for an interim period pending disciplinary proceedings, when there is evidence that the continued presence of the student on college premises poses a substantial threat to himself or herself, to others, or to the stability and continuance of normal college functions. A student who is suspended on an interim basis shall be given an opportunity to appear before the President or a designee within five (5) working days from the effective date of the interim suspension. A hearing with the President shall be limited to the following issues only:

1. The reliability of the information concerning the student's conduct, including the matter of his or her identity; and
2. Whether the conduct and surrounding circumstances reasonably indicate that the student's continued presence on college premises poses a substantial threat to himself or herself, to others or to the stability and continuance of normal college functions.

After the hearing, the President or designee may modify the interim suspension as reasonable to protect the student, public, and college.

No person shall search a student's personal possessions for the purpose of enforcing this code unless the student's prior permission has been obtained or unless a law enforcement officer conducts the search as authorized by law.

## SUMMONS

The VPSD shall summon a student regarding an alleged violation of this code by sending the student a letter. The letter shall be sent by certified mail, return receipt requested, addressed to the student at his or her last known address as it appears in the records of the Registrar's Office or shall be delivered personally to the student.

The letter shall direct a student to appear at a specific time and place not less than five (5) working days after the date of the letter. The letter shall describe briefly the alleged violation and cite the published college regulation or policy which allegedly has been violated.

The VPSD has authority to place a student on disciplinary probation if the student fails, without good cause, to comply with a letter of summons, or to apply sanctions against the student as provided in this code.

## DISPOSITION

At a conference with a student in connection with an alleged violation of this code, the VPSD shall provide the student with a copy of this code and discuss administrative disposition of the alleged violation.

1. If a student accepts the administrative disposition, the student shall sign a statement that he or she understands the charges, his or her right to a hearing or to waive same, the penalty or penalties imposed, and that he or she waives the right to appeal. The student shall return the signed form by 5:00 p.m. of the day following administrative disposition.
2. If a student refuses administrative disposition of the alleged violation, the student is entitled to a hearing as provided herein. The VPSD shall note the date of refusal in writing and the student shall acknowledge in writing such date.
3. Administrative disposition means:
  - a. The voluntary acceptance of the penalty or penalties provided in this code.
  - b. Other appropriate penalties administered by the VPSD.
  - c. Without recourse by the student to hearing procedures provided herein.

The VPSD shall prepare an accurate, written summary of each administrative disposition and send a copy to the student (and, if the student is a minor, to the parent or guardian of the student), to the

Director of Campus Security, to the complainant, and to other appropriate officials.

## HEARING COMMITTEE

When a student refuses administrative disposition of a violation, the student is entitled to a hearing before the Student Discipline Committee. The hearing request must be made to the VPSD (or officer directly responsible for student affairs or discipline) in writing, on or before the sixth (6th) working day after the date of refusal of administrative disposition. The committee shall be composed of equal number of students, administrators and faculty of the college. The committee and its chair shall be appointed by the President for each hearing on a rotating basis or on the basis of availability. The committee chair will be selected from the administration or faculty.

The chairman of the committee shall rule on the admissibility of evidence, motions, and objections to procedure, but a majority of the committee members may override the chairman's ruling. All members of the committee are expected to attend all meetings and are eligible to vote in the hearing.

The chairman shall set the date, time, and place for the hearing and may summon witnesses and require the production of documentary and other evidence.

The VPSD shall represent the college before the Student Discipline Committee and present evidence to support any allegations of violations.

## NOTICE

The committee chairman shall notify the student of the date, time, and place for the hearing by sending the student a letter by certified mail, return receipt requested, addressed to the student at his or her address appearing in the Registrar's Office records. The letter shall specify a hearing date not less than five (5) nor more than ten (10) working days after date of the letter. If a student is under 18 years of age, a copy of the letter shall be sent to the parents or guardian of the student.

The chairman may for good cause postpone the hearing as long as all interested parties are notified of the new hearing date, time, and place.

## CONTENT OF NOTICE

The notice shall advise the student of the following rights:

1. To a private hearing or a public hearing (as he or she chooses);
2. To appear alone or with legal counsel if the alleged violation subjects the student to expulsion or suspension. The role of legal counsel is limited as provided in the code;
3. To have a parent or legal guardian present at the hearing;
4. To know the identity of each witness who will testify;
5. To cause the committee to summon witnesses, and to require the production of documentary and other evidence possessed by the College;
6. To cross-examine each witness who testifies.

## FAILURE TO COMPLY WITH NOTICE

A student who fails to appear after proper notice and without good cause will be deemed to have pleaded guilty to the violation pending against the student. The committee shall impose appropriate penalty and notify the student in the same manner as the notice of hearing.

## ROLE OF LEGAL COUNSEL

Legal counsel who represents a student in a hearing where the alleged violation subjects the student to expulsion or suspension is limited to advising and assisting the student. This limitation means that legal counsel shall not cross-examine witnesses, make objections, testify, or perform other similar functions generally associated with legal representation. The same preceding limitation applies to counsel who represents the college. Student representation by legal counsel is not permitted in a hearing where the alleged violation does not subject the student to expulsion or suspension.

## PRELIMINARY MATTERS

Charges arising out of a single transaction or occurrence, against one or more students, may be heard together, or, upon request by one of the students-in-interest, separate hearings may be held.

There will be disclosure of all evidence to both sides prior to the hearing.

At least by 12:00 noon, five (5) full working days before the hearing date, the student concerned shall furnish the committee chairman with:

1. The name of each witness he or she wants summoned and a description of all documentary and other evidence possessed by the college which he or she wants produced.
2. An objection that, if sustained by the chairman of the Student Disciplinary Committee, would prevent the hearing.
3. The name of the legal counsel, if any, who will appear with the student.
4. A request for a separate hearing, if any, and the grounds for such a request.

## HEARING PROCEDURE

The hearing shall be conducted by the chairman who shall provide opportunities for witnesses to be heard. The college will be represented by legal counsel if the student is represented by legal counsel in a hearing where the student is subject to expulsion or suspension.

If a hearing may result in expulsion or suspension of a student, the college will have a court reporter present to transcribe the proceedings. If a hearing will not result in expulsion or suspension of a student, legal representation is not permitted and recording of the hearing by any means is not permitted unless authorized by law.

If the hearing is a private hearing, the committee shall proceed generally as follows:

1. Persons present shall be the complainant, the VPSD, and the student with a parent or guardian if desired.
2. Before the hearing begins, the VPSD or the student may request that witnesses remain outside the hearing room.
3. The VPSD shall read the complaint.
4. The VPSD shall inform the student of his or her rights, as stated in the notice of hearing.
5. The VPSD shall present the college's case.
6. The student may present his or her defense.
7. The VPSD and the student may present rebuttal evidence and argument.
8. The committee, by majority vote, shall determine the guilt or innocence of the student regarding the alleged violation.
9. The committee shall state in writing each finding of a violation of a published college regulation or policy. Each committee member concurring in the finding shall sign the statement. The committee may include in the statement its reasons for the finding. The committee shall notify the student in the same manner as the notice of hearing.
10. A determination of guilt shall be followed by a supplemental proceeding in which either party may submit evidence or make statements to the committee concerning the appropriate penalty to be imposed. The past disciplinary record of a student shall not be submitted to the committee prior to the supplemental proceeding. The committee shall determine a penalty by majority vote and shall inform the student, in writing, of its decision as in 9 above.

If the hearing is a public hearing, the committee shall proceed generally as follows:

1. Persons present: the complainant, the VPSD and the student with a parent or guardian if desired. Designated college representatives for the following groups may have space reserved if they choose to attend:
  - a. Faculty Association
  - b. College Newspaper
  - c. College PresidentOther persons may attend based on the seating available. The

Chairman may limit seating accommodations based on the size of the facilities;

2. Before the hearing begins, the VPSD or the student may request that witnesses remain outside the hearing room.
3. The VPSD shall read the complaint.
4. The VPSD shall inform the student of his or her rights, as stated in the notice of hearing.
5. The VPSD shall present the college's case.
6. The student may present his or her defense.
7. The VPSD and the student may present rebuttal evidence and argument.
8. The committee, by majority vote, shall determine the guilt or innocence of the student regarding the alleged violation.
9. The committee shall state in writing each finding of a violation of a published college regulation or policy. Each committee member concurring in the finding shall sign the statement. The committee may include in the statement its reasons for the finding. The committee shall notify the student in the same manner as the notice of hearing.
10. A determination of guilt shall be followed by a supplemental proceeding in which either party may submit evidence or make statements to the committee concerning the appropriate penalty to be imposed. The past disciplinary record of a student shall not be submitted to the committee prior to the supplemental proceeding. The committee shall determine a penalty by majority vote and shall inform the student, in writing, of its decision as in 9 above.

## EVIDENCE

Legal rules of evidence shall not apply to hearings under this code. Evidence that is commonly accepted by reasonable persons in the conduct of their affairs is admissible. Irrelevant, immaterial, and unduly repetitious evidence may be excluded.

The committee shall recognize as privileged communications between a student and a member of the professional staff of the Health Center, Counseling or Guidance Center where such communications were made in the course of performance of official duties and when the matters discussed were understood by the staff member and the student to be confidential. Committee members may freely question witnesses.

The committee shall presume a student innocent of the alleged violation until there is a preponderance of evidence, presented by the VPSD, that the student violated a published college regulation or policy.

All evidence shall be offered to the committee during the hearing.

A student defendant may choose not to testify against himself or herself. The committee will make a determination based on the evidence presented.

## RECORD

The hearing record shall include: a copy of the notice of hearing; all documentary and other evidence offered or admitted in evidence; written motions, pleas, and other materials considered by the committee; and the committee's decisions.

## PETITION FOR ADMINISTRATIVE REVIEW

A student is entitled to appeal in writing to the President who may alter, modify, or rescind the finding of the committee and/or the penalty imposed by the committee. A student is ineligible to appeal if the penalty imposed is less than suspension or expulsion. The President shall automatically review every penalty of expulsion. Sanctions will not be imposed while appeal is pending.

A student is entitled to appeal in writing to the Board through the President, the Chancellor, and the Chairman of the Board. An appeal from the Student Discipline Committee is by review of the record (not de novo).

A petition for review is informal but shall contain, in addition to the information required, the date of the Student Discipline Committee's action and the student's reasons for disagreeing with the committee's

action. A student shall file his or her petition with the President on or before the third working day after the day the Discipline committee determines the penalty. If the President rejects the petition, and the student wishes to petition the Chancellor, he or she shall file the petition with the Chancellor on or before the third working day after the President rejects the petition in writing. If the Chancellor rejects the petition, and the student appellant wishes to petition the Board of Trustees, he or she shall file the petition with the Chairman of the Board on or before the third working day after the day the Chancellor rejects the petition in writing.

The President, the Chancellor, and the Board in their review may take any action that the Student Discipline Committee is authorized to take; however, none may increase the penalty. They may receive written briefs and hear oral argument during their review.

The President, Chancellor and Board of Trustees shall modify or set aside the finding of violation, penalty, or both, if the substance rights of a student were prejudiced because of the Student Discipline Committee's finding of facts, conclusions or decisions were:

1. In violation of federal or state law or published college regulation or policy;
2. Clearly erroneous in view of the reliable evidence and the preponderance of the evidence; or
3. Capricious, or characterized by abuse of discretion or clearly unwarranted exercise of discretion.

## AUTHORIZED DISCIPLINARY PENALTIES

The VPSD (or office directly responsible for student affairs or discipline) or the student discipline committee may impose one or more of the following penalties for violation of a Board policy, college regulation, or administrative rule:

1. An "admonition" means a written reprimand from the VPSD to the student on whom it is imposed.
2. "Warning probation" means further violations may result in suspension. Disciplinary probation may be imposed for any length of time up to one calendar year and the student shall be automatically removed from probation when the imposed period expires.
3. "Disciplinary probation" means further violations may result in suspension. Disciplinary probation may be imposed for any length of time up to one calendar year and the student shall be automatically removed from probation when the imposed period expires. Students may be placed on disciplinary probation for engaging in activities as illustrated by, but not limited to, the following: being intoxicated, misuse of I.D. card, creating a disturbance in or on college premises, and gambling.
4. "Withholding of transcript or degree" may be imposed upon a student who fails to pay a debt owed the college or who has a disciplinary case pending final disposition or who violates the oath of residency. The penalty terminates on payment of the debt or the final disposition of the case or payment of proper tuition.
5. "Bar against readmission" may be imposed on a student who has left the college on enforced withdrawal for disciplinary reasons.
6. "Restitution" means reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.
7. "Suspension of rights and privileges" is an elastic penalty which may impose limitations or restraints to fit the particular case.
8. "Suspension of eligibility for official athletic and nonathletic extracurricular activities" prohibits, during the period of suspension, the student on whom it is imposed from joining a registered student organization; taking part in a registered student organization's activities, or attending its meetings or functions; and from participating in an official athletic or nonathletic extracurricular activity. Such suspension may be imposed for any length of time up to one calendar year. Students may be placed on disciplinary suspension for engaging in activities as illustrated by, but not limited, to the following: having intoxicating beverages in any college facility, with the exception of specific beverage-related courses within the El Centro food service program; destroying property or student's personal property; giving false information in response to requests from the college; instigating a disturbance or riot; stealing, possession, use, sale, or purchase of illegal drugs on or off campus;

any attempt at bodily harm, which includes taking an overdose of pills or any other act where emergency medical attention is required; and conviction of any act which is classified as a misdemeanor or felony under state or federal law.

9. "Denial of degree" may be imposed on a student found guilty of scholastic dishonesty and may be imposed for any length of time up to and including permanent denial.
10. "Suspension from the college" prohibits, during the period of suspension, the student on whom it is imposed from being initiated into an honorary or service organization; from entering the college campus except in response to an official summons; and from registering, either for credit or for noncredit, for scholastic work at or through the college.
11. "Expulsion" is permanent severance from the college.

A sanction imposed at one college shall apply to all colleges of the College District.

## **HAZING**

### **1. Personal Hazing Offense**

- a. A person commits an offense if the person:
  - (1) engages in hazing;
  - (2) solicits, encourages, directs, aids, or attempts to aid another person in engaging in hazing;
  - (3) intentionally, knowingly, or recklessly permits hazing to occur; or
  - (4) has firsthand knowledge of the planning of a specific hazing incident involving a student in an educational institution, or firsthand knowledge that a specific hazing incident has occurred, and knowingly fails to report said knowledge in writing to the VPSD or other appropriate official of the institution.
- b. The offense for failing to report hazing incident is a misdemeanor punishable by a fine not to exceed \$1,000, confinement in county jail for not more than 180 days, or both such fine and confinement.
- c. Any other hazing offense which does not cause serious bodily injury to another is a misdemeanor punishable by a fine of not less than \$500 nor more than \$1,000, confinement in county jail for not less than 90 days nor more than 180 days, or both such fine and confinement.
- d. Any other hazing offense which causes serious bodily injury to another is a misdemeanor punishable by a fine of not less than \$1,000 nor more than \$5,000, confinement in county jail for not less than 180 days nor more than one year, or both such fine and confinement.
- e. Any other hazing offense which causes the death of another is a misdemeanor punishable by a fine of not less than \$5,000 nor more than \$10,000, confinement in county jail for not less than one year nor more than two years, or both fine and confinement.

### **2. Organization Hazing Offense**

- a. An organization commits an offense if the organization condones or encourages hazing, or if an officer or any combination of members, pledges, or alumni of the organization commits or assists in the commission of hazing.
- b. The above offense is a misdemeanor punishable by a fine of not less than \$5,000 nor more than \$10,000. If a court finds that the offense caused personal injury, property damage, or other loss, the court may sentence the organization to pay a fine of not less than \$5,000 nor more than double that amount lost or expenses incurred because of such injury, damage, or loss.

### **3. Consent Not a Defense**

It is not a defense to prosecution of a hazing offense that the person against whom the hazing was directed consented to or acquiesced in the hazing activity.

### **4. Immunity from Prosecution**

Any person reporting a specific hazing incident involving a student in an educational institution to the VPSD or other appropriate official of

the institution is immune from liability, civil or criminal, that might otherwise be incurred or imposed as a result of the report. A person reporting in bad faith or with malice is not protected.

## **5. Definition**

"Hazing" means any intentional, knowing, or reckless act, occurring on or off the campus of an educational institution, by one person alone or acting with others, directed against a student that endangers the mental or physical health or safety of a student for the purpose of pledging, being initiated into, affiliating with, holding office in, or maintaining membership in any organization whose members are or include students at an educational institution. The term includes but is not limited to:

- a. any type of physical brutality, such as whipping, beating, striking, branding, electronic shocking, placing of a harmful substance on the body, or similar activity;
- b. any type of physical activity, such as sleep deprivation, exposure to the elements, confinement in a small place, calisthenics, or any other activity that subjects the student to an unreasonable risk of harm or that adversely affects the mental or physical health or safety of the student;
- c. any activity involving consumption of a food, liquid, alcoholic beverage, liquor, drug, or any other substance which subjects the student to an unreasonable risk of harm or which adversely affects the mental or physical health or safety of the student;
- d. any activity that intimidates or threatens the student with ostracism, that subjects the student to extreme mental stress, shame, or humiliation, or that adversely affects the mental health or dignity of the student or discourages the student from entering or remaining registered in an educational institution, or that may reasonably be expected to cause a student to leave the organization or the institution rather than submit to acts described in the subsection;
- e. any activity that induces, causes, or requires the student to perform a duty or task which involves a violation of the Penal Code.

## **STUDENT GRIEVANCE PROCEDURE**

### **DEFINITION**

A student grievance is a College-related problem or condition which a student believes to be unfair, inequitable, discriminatory, or a hindrance to the educational process. A grievance also includes discrimination on the basis of race, color, religion, national origin, sex, disability of age..

### **SCOPE**

The student grievance procedure is not intended to supplant the Student Code of Conduct, which allows the student procedural due process in disciplinary proceedings initiated by the College. This student grievance procedure is designed to provide the student with the opportunity to file a grievance, as defined above, and to provide a process for resolution of the grievance. This student grievance procedure is not designed to include changes in policy nor does it apply to grading practices. Recommendations for initiating new policy or changing established policy are handled through normal administrative channels. Problems with grades will be dealt with first by the instructor, and then by the division dean. If a student is not satisfied, the student may appeal the decision, in writing, to the appropriate vice-president. If still not satisfied, the student may pursue the appeal to the College President whose decision is final.

### **SEXUAL HARASSMENT**

The student grievance procedure is not applicable to complaints of sexual harassment. All students shall report complaints of sexual harassment informally to location Human Resources personnel or location representatives selected by the highest level administrator at the location or formally to the Vice-Chancellor of Educational Affairs as provided in the sexual harassment procedure.

## INFORMAL PROCEDURES

Students who wish to file a College-related grievance should, but are not required to discuss it with the College employee most directly responsible for the condition which brought about the alleged grievance. If the grievance is not resolved to the student's satisfaction, the student may appeal to the next level of authority. The student may consult with the administrative offices to determine the next level of authority. If an appeal does not resolve the grievance, the student may proceed to the appropriate vice-president with a written presentation of the grievance. If the vice-presidential level of appeal does not prove satisfactory to the student, the student may seek review under the formal procedures below.

## OTHER PROCEDURAL MATTERS

If a student files a grievance informally by discussing it with the college employee most directly responsible, etc., the following procedures apply. The student shall discuss the grievance fully at each level in the process. At each level of authority, a decision shall be made based on common sense and good judgment of a reasonable person. Each level may seek the appropriate authority, if necessary, to resolve the grievance. The entire informal procedure should take no longer than 30 days.

## FORMAL PROCEDURES

Procedures for appeals are as follows:

1. A student who wishes a grievance to be heard by an appeal committee must submit a request in writing to the vice-president of student development (VPSD) or employee who is responsible for student development.
2. The VPSD or responsible employee will convene and chair the appeal committee.
3. The appeal must be heard by the committee within ten class days of the request unless extended with the agreement of both the student and the VPSD or responsible employee.
4. The committee will be ad hoc and will consist of two students, two faculty members, and one staff member who is either an administrator or a noncontractual employee. It is the responsibility of the College President or designee to appoint all committee members and the appointor shall examine each member to ensure their impartiality.
5. The appeal committee will make findings and send its decision to the College President. A grievant may seek review of an adverse decision through the President. The decision of the President shall be final.

## BOARD ACTION

By law, the Board of Trustees is not required to take any action concerning a grievance, but is required to listen if the grievance is presented at a public meeting.

## APPEAL COMMITTEE PROCEDURES

1. If a student requests a hearing by an appeal committee, a grievance must be in writing and contain:
  - a. the student's name and address;
  - b. the nature of the grievance, including the date it occurred;
  - c. the corrective action sought;
  - d. any other relevant information.
2. A grievance filed, either informally or formally, will not be considered unless it is filed not later than 120 days after the event or occurrence giving rise to the grievance or knowledge of the event or occurrence. The entire formal procedure should take no longer than 30 days.
3. In conducting the appeal committee hearing, the VPSD or responsible employee is authorized to:
  - a. require any student or employee to provide a written statement along with any documents concerning the events and circumstances that may have given rise to the grievance;
  - b. require any student or employee to appear and testify;
  - c. question each individual who testifies; and

- d. copy all documents.

This is not an adversarial proceeding. A VPSD or responsible employee shall conduct a hearing in a professional and cooperative manner and all participants are expected to do likewise.

4. Failure to comply with a summons or order from the VPSD or responsible person may result in disciplinary action.
5. The appeal committee shall base its decisions during a hearing and make a recommendation upon the common sense and good judgement of a reasonable person.
6. The VPSD or responsible employee shall ensure that all relevant evidence is obtained from parties during the hearing.
7. An attorney or other representative of a grievant may present a grievance to the appeal committee, but this presentation does not include questioning or cross-examining witness (including the grievant), objecting to testimony or documents, or similar actions undertaken by an attorney to represent a client.

## COORDINATORS

Coordinator(s) for the Rehabilitation Act of 1973 (Section 504), Americans with Disabilities Act of 1990 (Title II) and Education Amendments of 1972 (Title IX)

### Cedar Valley College

Claire Gauntlett - Dean of Institution Effectiveness & Research  
Section 504, Title II, and Title IX Coordinator

### Brookhaven College

Maxine Rodgers - Vice President of Business Services  
Section 504 and Title II Coordinator  
Lynn Levesque - Athletic Director  
Title IX Coordinator

### Eastfield College

Mike Burke - Vice-President of Finance & Planning  
Section 504, Title II, and Title IX Coordinator

### El Centro College

Jim Handy - Assistant Dean of Student Services  
Section 504 and Title II Coordinator  
Bettie Tully - College Ombudsperson  
Title IX Coordinator

### Mountain View College

Dr. Margot Hirsch - Executive Dean of Learning Support Services  
Section 504, Title II Coordinator, and Title IX Coordinator

### North Lake College

Mary Ciminelli - Interim Dean of Student, Enrollment, Development  
& Student Retention  
Section 504, Title II, and Title IX Coordinator

### Richland College

Oscar Lopez - Director of Disability Services  
Wes Hayes - Director of Facilities  
Section 504 and Title II Coordinators  
Tom McLaughlin - Dean of Students  
Title IX Coordinator

## PURPOSE OF COMPUTER USE POLICY

The District is committed to providing an educational and work climate that is conducive to the personal and professional development of each individual. To fulfill its multiple missions as an institution of higher learning, the District encourages a climate that values and nurtures collegiality, diversity, pluralism and the uniqueness of the individual within our state, nation and world. The District also strives to protect the rights and to enhance the self-esteem of all its members. Faculty, staff and students should be aware that any form of illegal harassment or discrimination against any individual is inconsistent with the values and ideals of our community.

As an institution of higher education, the District encourages, supports, and protects First Amendment rights and an open environment to pursue scholarly inquiry and to share information. Access to networked computer information in general and to the Internet, in particular, supports the academic community by providing a link to electronic information in a



variety of formats and covering all academic disciplines. As with any resource, it is possible to misuse computing resources and facilities and to abuse access to the Internet. The following statements address, in general terms, the District's policies concerning computing use.

The Chancellor is authorized to promulgate policies and procedures to implement this policy. Refer to the Business Procedures Manual for additional information.

## **USE OF DISTRICT RESOURCES**

Use of District computing resources and facilities requires that individual users act in compliance with District policies and procedures, and failure to comply may result in restriction or revocation of access to District resources. Computing "resources and facilities" include, but are not limited to District and college-owned host computer systems, networks, peripheral equipment (such as modems, terminals and printers), computers and workstations, software, data sets, storage devices (such as CD-ROMS, hard and soft disks and the like), and all computer communications controlled, administered, or accessed directly or indirectly by the District or by any user. The District provides users with an account that permits use of the computing resources and facilities within policies and procedures established by the District. Any person who uses District computing resources and facilities through District-owned equipment (such as public access computers at the libraries and computer labs) is also a user and is permitted to use the computing resources and facilities within policies and procedures established by the District. Users must respect the integrity of computing resources and facilities, respect the rights of other users, and comply with all relevant laws (local, state, federal and international), District policies and procedures, and contractual agreements. The District reserves the right to limit, restrict or deny computing resources and facilities for those who violate District policies, procedures, or local, state or federal laws.

## **FREEDOM OF EXPRESSION**

Censorship is not compatible with the goals of the District. The District shall not limit adult users' voluntary access to any information due to its content when it meets the standard of legality. A minor's parent may permit a minor user to have voluntary access to any information that meets the standard of legality. Access to information by a user may be blocked at the request of that user, or at the request of a minor user's parent.

## **PRIVACY**

The general right to privacy is extended to the electronic environment to the extent possible. Users have a lessened expectation of privacy when using computer resources and facilities owned by public institutions such as the District. Issuance of a password or other means of access is to assure appropriate confidentiality of District files and information. It is not a guarantee of privacy nor a license for abuse or improper use of the District's computing resources and facilities. Privacy is mitigated by the Texas Public Information Act, administrative review, computer system administration, audits, and the nature of the electronic medium itself. Contents of electronic files will be examined or disclosed only when authorized by the user, approved by designated District officials, or required by law.

## **INTELLECTUAL PROPERTY**

All members of the District community should be aware that property laws apply to the electronic environment. Users must abide by all software licenses. District copyright and software policies and procedures, and applicable federal and state law. Users should assume that works communicated through a network are subject to copyright unless specifically stated otherwise. Unless permission of the author is obtained, utilization of any electronically transmitted information must comply with the "fair use" principle found in federal copyright law.

## **CRIMINAL AND ILLEGAL ACTS**

Computing resources of the District, which include the hardware, software and network environment, shall not be used for illegal activities. Any illegal use of these resources will be dealt with by the appropriate

District authorities and/or other legal and law enforcement agencies. Criminal and illegal use may involve, but is not limited to: unauthorized access, intentional corruption or misuse of computing resources, theft, defamation, obscenity, child pornography, and harassment based upon race, ethnicity, national origin, disability, age, religion or sex.

## **AUTHORIZED USE**

Computing resources are provided by the District to accomplish tasks related to the District's mission. Some computers may be dedicated to specific enterprises or teaching missions that limit their use. Incidental personal use of computing resources is acceptable if the use:

1. imposes no measurable cost on the District;
2. is not harmful to the District;
3. is not a hindrance to the daily operations of the District; and
4. has no adverse effect upon an individual's job or educational performance.

## **UNAUTHORIZED USE**

Unauthorized use of the District's computing resources and facilities includes but is not limited to: illegal activities; failure to comply with laws, license agreements, and contracts governing network software and hardware use; abuse of communal resources; use of computing resources for unauthorized commercial purposes or personal gain; failure to protect the user's password or use of the user's account; breach of computer security, harmful access or invasion of privacy; use of computing resources for anonymous or identity-masked messages to other District users; or unauthorized encryption. Refer to the Business Procedures Manual for additional information.

## **INDIVIDUAL RESPONSIBILITY FOR USE OF COMPUTING RESOURCES AND FACILITIES**

All members of the District community will use these resources and facilities in accordance with District policies and procedures as well as all laws. Failure to fulfill these responsibilities may lead to the cancellation of computer access, other disciplinary action by the District and/or referral to legal and law enforcement agencies, in accord with existing District policies and procedures. Individuals using the District's computing resources or facilities shall:

1. Use District computing resources and facilities in accord with this policy, and respect the rights of other computer users by complying with laws, license agreements and contracts.
2. Use communal resources with respect for others. Disruptive mailings and print jobs, tying up work stations, and other disproportionate use of computing facilities prevent others from using these resources.
3. Use of District computing accounts must be limited to authorized purposes. Use of District-owned resources and facilities shall be limited to District-related business or incidental personal use as defined in this policy. Use of computing resources for unauthorized commercial purposes or personal gain is prohibited.
4. Protect the individual's password and use of the individual's account. The user shall not use another person's identification, account or password without his or her permission. Confidential information contained on various computers shall not be shared with others except when those persons are authorized to receive the information. Users shall not intentionally seek, read, provide, remove, reconfigure or modify information in or obtain copies of any files, accounts, software, hardware, programs, or passwords belonging to other computer users or the District without the permission of those other computer users or the District. A user must obtain written permission from the owner of a file to alter or copy a file if the file does not belong to the user or the file has not been sent to the user by the owner.
5. Report improper use of computer resources and facilities which may include:
  - a. breach of computer security
  - b. unauthorized access to computing resources
  - c. release of password or other confidential information on computer security

- d. harmful access
  - e. alteration, damage, or destruction of data
  - f. injection of a destructive computer virus
  - g. invasion of privacy
  - h. reading files without authorization
  - i. criminal and illegal acts
6. Comply with requests concerning computing from the system operator.
  7. Report any incidents of harassment using District computing resources and facilities in accord with the District's policy. It may be harassment if the behavior:
    - a. is unwelcome;
    - b. interferes with the user's ability, or the ability of others to work or study;
    - c. creates an intimidating, hostile or offensive environment. Alternatively, users may file a grievance through appropriate channels.
  8. Respect the forum (talk groups, bulletin boards, public computing facilities) when communicating ideas to others via District computing facilities and resources (includes access to external networks). All communications should reflect high ethical standards and mutual respect and civility. Users may use external network (e.g., BITNET, Internet) links solely for the purposes permitted in these policies and in the external network guidelines. Users are responsible for obtaining and adhering to all of the policies published by the external networks they use. The ability to connect to external systems through the District systems does not imply the right to connect to these systems or to make use of these systems unless properly authorized by the owners of those systems.

#### COMPUTER SOFTWARE AND COPYRIGHT LAW

The District respects the copyrights of others. With very few exceptions, all computer software and documentation is protected by federal copyright law. The unauthorized or unlicensed use, duplication, or copying of computer software or documentation is contrary to District policy and is a violation of the law. Violators of any copyright are subject to both civil and criminal penalties and/or disciplinary action. District regulations and procedures will establish guidelines for the use of computer resources and local area networks.

#### COMPUTER SOFTWARE POLICY

It is the policy of the DCCCD to respect the copyrights of others. With very few exceptions, all computer software and documentation is protected by federal copyright law. The unauthorized or unlicensed use, duplication or copying of computer software or documentation is contrary to DCCCD policy and is a violation of the law. Violators are subject to both civil and criminal penalties and/or disciplinary action. Students may use individually owned software on DCCCD computers only if the user can provide proof of a license from the copyright owner or will sign a statement to that effect. Additionally, installation of any individually software may need to first be approved by the appropriate college official. Students may have access to computer networks only to further the institutional goals of the DCCCD.

#### COMMUNICABLE DISEASE POLICY

*Purpose:* The Board acknowledges the serious threat to our community and nation posed by the AIDS epidemic. This policy and other procedures developed by the Chancellor shall emphasize educating employees and students concerning AIDS and managing each case of AIDS individually with sensitivity, flexibility, and concern for the individual as well as employees and students. In addition, this policy defines and addresses other communicable diseases which from time to time arise in the colleges and District among students and employees.

*Philosophy:* The District's decisions concerning a person who has a communicable disease shall be based upon current and well-informed medical judgement which includes the nature of the disease, risk of transmission to others, symptoms and special circumstances of the person, and balancing identifiable risks and available alternatives to respond to a student or employee with a communicable disease.

##### Nondiscrimination

**Students:** No student will be required to cease attending a college or participating in college functions solely on the basis of diagnosis of a communicable disease.

**Employees:** An employee who has a communicable disease will be treated in the same manner as other employees who have other illnesses or injuries.

##### Confidentiality

The District shall comply with applicable statutes and regulations which protect the privacy of persons who have a communicable disease.

##### Education

The Chancellor shall develop and maintain a comprehensive educational program regarding HIV infection for students and employees.

Each college shall have a Communicable Disease Coordinator. The coordinator shall be a registered nurse who has received training in communicable diseases, particularly HIV infection. A student or employee who has a communicable disease is strongly encouraged to report the disease to the coordinator.

##### Counseling

The Communicable Disease Coordinator shall refer students and employees to sources of testing for HIV infection and counseling upon voluntary request. An individual shall bear the expenses of such testing and counseling.

#### FIREARMS POLICY

Firearms are strictly forbidden upon any campus (including all buildings and grounds) and all other locations owned, operated or leased by the Dallas County Community College District. This prohibition applies to any person including a person who processes a license to carry a handgun under the Concealed Handgun Law.

## Texas Department of Health

### Recommended Adult Immunization Schedule

Vaccine/ Toxoid/ Biological	Primary Schedule & Boosters	Indications	Major Precautions & Contraindications Other Than Primary Allergies	Special Considerations
Tetanus- Diphtheria Toxoid	2 doses (IM) 4 weeks apart with 3rd dose (booster) 6-12 months then a booster every 10 years.	All Adults		Consider Human Tetanus Immune Globulin (TIG) for dirty wounds in patients with incomplete immunizations.
Measles Mumps Rubella (MMR) Vaccine	1 dose (SC); boosters for measles are necessary for certain adults.	Measles/Mumps for adults born after 1/1/57 who lack a vaccine history for measles and mumps since their 1st birthday OR serological proof of immunity OR a physician validated statement of Measles/ Mumps illness. 2 doses of measles vaccine are recommended for persons at high risk of expo- sure (e.g. medical personnel). Rubella for any adult who lacks documentation of rubella vaccine since the 1st birthday OR serological proof of immunity.	Pregnancy; immuno-com- promised hypersensitivity to neomycin and/or eggs	Persons vaccinated with killed measles vaccine (1963-1967) should be revaccinated with live measles vaccine; MMR is the vaccine of choice if the person is likely to be susceptible to more than 1 agent
Hepatitis B Vaccine	2 doses (IM) 4 weeks apart; 3rd dose 5 months after 2nd.	Adults at increased risk of occupational, environ- mental, social, or family exposure		
Influenza Vaccine (Split or Whole Vaccine)	1 dose annually (IM)	Adults with high-risk conditions; adults > or = 65 years old; health care workers	Hypersensitivity to eggs; may be given during pregnancy to high-risk patients.	
Pneumo- Coccal Poly- saccharide Vaccine (23 Valent)	1 dose (IM or SC); boosters after 6 years indicated for certain	Underlying health conditions; adults 65 years old and older; adults with anatomic or functional asplenia	Pregnancy	Immune response is better if vaccinated prior to splenectomy

### ALERT!!

#### MEASLES (aka. rubella, Red Measles, Hard Measles, 10-day Measles)

Measles is a highly contagious viral disease. Antibiotics are NOT available to treat persons infected with this organism. Recent outbreaks of this illness have included many hospitalizations and several deaths among college-aged persons, for these reasons it is strongly recommended that students of Institutions of Higher Education have two doses of the vaccine prior to beginning classes. Most young adults have had only one dose.

The measles vaccine is most often given in combination with the vaccines for mumps and rubella which are also caused by viruses.

#### TETANUS (aka. Lockjaw)

The illness caused by tetanus results from the poison produced by a bacteria. Again this is a very difficult illness to treat once it occurs and prevention is the most appropriate choice. The vaccine is effective for about 10 years and needs to be boosted at that interval. It is now common for older adults to develop Tetanus in the United States as many adults do not receive the recommended 10 year boosters. The Tetanus vaccine should be given in combination with the diphtheria vaccine.

#### POLIOMYELITIS

In the United States, polio immunization is not routinely recommended for persons 18 years of age or older. However, if travel to other parts of the world is planned, a physician should be contacted for specific recommendations.

### SECTION 2.09 AND 2.09A TEX. EDU. CODE

The campus health centers have information regarding local providers of immunization services. Check with the health center for specific local information.

# ASSOCIATE OF ARTS AND SCIENCES DEGREE

*The title of this degree may be changed during 1999-2000*

In order to be eligible to receive an Associate of Arts and Sciences Degree, a student must:

- (1) Complete a minimum of 61 credit hours as shown below;
- (2) Receive a GPA (2) of at least 2.00 ("C"); and
- (3) Meet all TASP requirements.

Students who plan to transfer must work closely with an advisor.

CREDIT HOURS TO BE COMPLETED		CREDIT HOURS TO BE COMPLETED	
<b>COMMUNICATION</b>	9	<b>SOCIAL/BEHAVIORAL SCIENCES</b>	15
<i>Select each of the following:</i>		History 1301, 1302	
English 1301		Government 2301, 2302	
English 1302		<i>Select one course from the following:</i>	
Speech 1311		Anthropology 2346, 2351;	
		Economics 1303, 2301, 2302, 2311;	
		Psychology 2301, 2314, 2316;	
		Sociology 1301, 1306, 2319	
<b>MATHEMATICS</b>	3	<b>HUMANITIES/VISUAL AND PERFORMING ARTS</b>	9
<i>Select one course:</i>		<i>Select one course from each of the three groupings:</i>	
Math 1314		I. Arts 1301, 1303, 1304; Dance 2303;	
Math 1324		Drama 1310, 2366; Humanities 1301;	
Math 1332		Music 1306, 1308, 1309	
Math 1333		II. English 2321, 2322, 2323, 2326,	
Math 1335		2327, 2328, 2331, 2332, 2333	
Math 1342		III. Cultural Studies 2301; History 2321,	
Math 1414		2322, 2380, 2381; Philosophy 1301,	
Math 2412		2306, 2307, 2316, 2317;	
Or higher level		Religion 1304	
<b>LAB SCIENCES</b>	8	<b>INSTITUTIONAL OPTIONS</b>	4
<i>Select two courses:</i>		Physical Education 1164,	
Biology 1406, 1407, 1408, 1409;		<i>and select one of the following:</i>	
Chemistry 1405, 1407, 1411, 1412;		Computer Science 1300 or higher OR	
Geology 1401, 1403, 1404, 1445;		Foreign Language 1311 or higher	
Physics 1401, 1402, 1405, 1407,			
1411, 1412, 1415, 1417,			
2425, 2426			
		<b>ELECTIVE CREDITS</b>	13
		<b>TOTAL CREDIT HOURS</b>	61

# ASSOCIATE OF ARTS AND SCIENCES DEGREE IN BUSINESS

*The title of this degree may be changed during 1999-2000*

This degree plan is designed to meet the needs of students who plan to major in business but are unsure of where they wish to transfer. This is a general plan and may/may not satisfy the requirements of a specific transfer university. Students should work closely with an advisor.

In order to be eligible to receive this degree, a student must:

- (1) Complete a minimum of 61 credit hours including the courses listed below;
- (2) Receive a GPA (2) of at least 2.00 ("C"); and
- (3) Meet all TASP requirements.

CREDIT HOURS TO BE COMPLETED		CREDIT HOURS TO BE COMPLETED	
<b>COMMUNICATION</b>	9	<b>HUMANITIES/VISUAL AND PERFORMING ARTS</b>	9
<i>Select each of the following:</i>		<i>Select one course from each of the three groupings:</i>	
English 1301		I. Arts 1301, 1303, 1304; Dance 2303;	
English 1302		Drama 1310, 2366; Humanities 1301;	
Speech 1311		Music 1306, 1308, 1309	
<b>MATHEMATICS</b>	3	II. English 2321, 2322, 2323, 2326,	
Math 1324		2327, 2328, 2331, 2332, 2333	
<b>LAB SCIENCES</b>	8	III. Cultural Studies 2301; History 2321,	
<i>Select two courses:</i>		2322, 2380, 2381; Philosophy 1301,	
Biology 1406, 1407, 1408, 1409;		2306, 2307, 2316, 2317,	
Chemistry 1405, 1407, 1411, 1412;		Religion 1304	
Geology 1401, 1403, 1404, 1445;		<b>INSTITUTIONAL OPTIONS</b>	4
Physics 1401, 1402, 1405, 1407,		<i>Take both courses below:</i>	
1411, 1412, 1415, 1417,		Physical Education 1164, AND	
2425, 2426		Computer Science 1300	
<b>SOCIAL/BEHAVIORAL SCIENCES</b>	15	<b>REQUIRED BUSINESS COURSES</b>	
<i>Take all courses below:</i>		<i>Must take all courses below:</i>	
History 1301, 1302		Accounting 2301 AND 2302	
Government 2301, 2302		Economics 2302	
Economics 2301		Math 1325	
		<b>ELECTIVE CREDIT</b>	1
<b>TOTAL CREDIT HOURS</b>		<b>61</b>	

**NOTE:** Students who complete this plan are awarded the Associate of Arts and Sciences Degree.

# ASSOCIATE OF ARTS AND SCIENCES DEGREE PLAN

*The title of this degree may be changed during 1999-2000*

In order to be eligible to receive an Associate of Arts and Sciences degree, a student must:

1. Complete a minimum of 61 credit hours.
- Have a passing score on all sections of TASP.
  - Students who plan to transfer to a four-year institution should consult an advisor of that institution to ensure that selected courses will both transfer and apply toward the intended major.
  - **Veterans and Financial Aid** recipients should consult an advisor *before* enrolling in distance learning.

## Distance Learning Course Options From the Dallas County Community Colleges

This chart shows how you can earn the entire A.A.S. degree with distance learning courses.  
However, you can also earn your degree with a combination of distance learning courses and on-campus courses.  
Talk to a counselor to see which options are right for you.

CREDIT HOURS TO BE COMPLETED	CREDIT HOURS TO BE COMPLETED
<b>COMMUNICATION</b> <b>9 credit hours – required:</b> English 1301 3 English 1302 3 Speech Commun. 1311 3	<b>HUMANITIES/VISUAL &amp; PERFORMING ARTS</b> <b>Category I – 3 cr. hours – may be chosen from:</b> Humanities 1301 3 Music 1306 3
<b>MATHEMATICS</b> <b>3 credit hours – required:</b> Math 1314 3	<b>HUMANITIES/VISUAL &amp; PERFORMING ARTS</b> <b>Category II – 3 credit hours – required:</b> Literature (avail. Spring '00) 3
<b>LAB SCIENCES</b> <b>8 credit hours – may be chosen from:</b> Physics (Astronomy) 1411 4 Physics (Astronomy) 1412 4 Biology 1408 4 Biology 1409 4	<b>HUMANITIES/VISUAL &amp; PERFORMING ARTS</b> <b>Category III – 3 credit hours – required:</b> Philosophy (avail. Spring '00) 3
<b>SOCIAL/BEHAVIORAL SCIENCES</b> <b>12 credit hours – required:</b> History 1301 3 History 1302 3 Government 2301 3 Government 2302 3	<b>OTHER</b> <b>3 credit hours – may be chosen from:</b> Spanish 1411 4 Spanish 1412 4
<b>SOCIAL BEHAVIORAL SCIENCES</b> <b>3 credit hours – may be chosen from:</b> Anthropology 2351 3 Economics 2301 3 Economics 2302 3 Psychology 2301 3 Psychology 2314 3 Sociology 1301 3	<b>PHYSICAL EDUCATION</b> <b>1 credit hour – required:</b> Physical Ed. 1164 1 <i>(A maximum of 4 physical education activity hours may be counted toward graduation requirements.)</i>
	<b>ELECTIVES</b> <b>13 credit hours – may be chosen from:</b> Physical Ed. 1304 3 Nutrition 1322 3 and any distance learning courses that are not used to fulfill other requirements.
<b>TOTAL CREDIT HOURS</b>	<b>61</b>

# DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

## 1999-2000 Technical/Occupational Programs Offered On Our Campuses

BH – Brookhaven College   CV – Cedar Valley College   EF – Eastfield College   EC – El Centro College  
MV – Mountain View College   NL – North Lake College   RL – Richland College

Career Educational Programs	BH	CV	EF	EC	MV	NL	RL
Accounting AAS	•	•	•	•	•	•	•
Accounting Assistant Certificate	•	•	•	•	•	•	•
Accounting Clerk Certificate	•	•	•	•	•	•	•
Air Conditioning & Refrigeration – Residential AAS		•	•		•		
Profit Center Manager Enhanced Skills Certificate		•	•		•		
Technician I Skills Achievement Award			•				
Technician II Skills Achievement Award			•				
Technician III Certificate		•	•		•		
Air Conditioning & Refrigeration Technology AAS			•				
Associate Degree Nursing AAS	•			•			
Perioperative Nursing Int. Enhanced Skills Cert.				•			
LVN Option AAS				•			
Auto Body Technology AAS			•				
Auto Body Metal Technician Certificate			•				
Auto Body Painter Certificate			•				
Auto Body Shop Management Certificate			•				
Auto Body Technology Certificate			•				
Automotive Career Technician AAS		•					
Automotive Career Technician Certificate		•					
Technician I Certificate		•					
Automotive Technology AAS	•	•					
Automotive Technology Certificate		•					
Brakes and Front End Certificate		•					
Dealership-Sponsored Technician AAS	•						
Electronic Engine Control Technician Cert.	•						
Heat and Air Certificate		•					
Power Plant and Performance Certificate		•					
Power Transmissions Certificate		•					
Service Technician AAS	•						
Service Technician Certificate	•						
Automotive Technology/Diesel Equipment		•					
Construction Equipment AAS		•					
Heavy Truck AAS		•					
Maintenance Technician Certificate		•					
Aviation Technology					•		
Air Cargo Transport AAS					•		
Aircraft Dispatcher AAS					•		
Aircraft Dispatcher Certificate					•		
Airline Management AAS					•		
Fixed Base Operations/Airport Management AAS					•		
Professional Pilot Option AAS					•		
Business Administration AAS	•	•	•	•	•	•	•

Career Educational Programs	BH	CV	EF	EC	MV	NL	RL
Child Development Associate	•	•					
Administrator Enhanced Skills Certificate	•	•					
Special Child Caregiver Enhanced Skills Cert.	•	•					
Infant and Toddler Specialist Enhanced Skills Cert.	•	•					
Administrative Certificate	•	•					
Early Childhood Training Certificate	•	•					
Infant-Toddler Certificate	•	•					
School-Age Caregiver Certificate	•	•					
Special Child Certificate	•	•					
Commercial Music		•					
Arranger/Composer/Copyist AAS		•					
Music Retailing AAS		•					
Music Retailing Certificate		•					
Performing Musician AAS		•					
Recording Technology AAS		•					
Recording Technology Certificate		•					
Computer Aided Design & Drafting AAS			•	•			
Junior CADD Specialist Enhanced Skills Cert.			•	•			
Advanced Computer-Aided Design Operator Cert.			•	•			
Computer-Aided Design Operator Certificate			•	•			
Integrated Circuit Design AAS			•				
Integrated Circuit Design Certificate			•				
Computer Information Systems	•	•	•	•	•	•	•
Business Computer Assistant Certificate				•			
Business Computer Information Systems AAS	•	•	•	•	•	•	•
Business Software Programmer/Developer AAS	•	•	•	•	•	•	•
C Programming Skills Achievement Award	•						
Intro. to Computers and Netwkg Skills Ach. Award	•						
Local Area Network Administrator AAS	•	•			•	•	
LAN Server Operator Certificate	•	•			•	•	
Midrange Computer Center Specialist AAS				•			
Midrange Computer Technician Certificate				•			
Personal Computer Support AAS			•	•	•	•	
Personal Computer Technology Skills Ach. Award	•						
Unix and Operating Systems Skills Ach. Award	•						
Unix System Administrator Certificate						•	
Computer Networking AAS							•
Master CNE in Infra. & Adv. Acc. Enh. Skills Cert.							•
Master CNE in Network Mgmt. Enh. Skills Cert.							•
CNE-5							•
NT-4							•
Master CNE in Infrastructure and Adv. Access Cert.							•
Master CNE in Network Management Certificate							•
Construction Management and Technology AAS						•	
continued on next page							



# DALLAS COUNTY COMMUNITY COLLEGE DISTRICT

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Career Educational Programs	BH	CV	EF	EC	MV	NL	RL
Construction Technology AAS							•
Construction Technology Certificate							•
Criminal Justice AAS		•	•	•	•		
Human Services Enhanced Skills Certificate		•	•	•	•		
Law Enforcement Enhanced Skills Certificate		•	•	•	•		
Criminal Justice Certificate (45 hours)		•	•	•	•		
Criminal Justice Certificate (30 hours)		•	•	•	•		
Diagnostic Medical Sonography AAS				•			
Diagnostic Medical Sonography Certificate				•			
Digital Imaging Technology AAS			•				
Electronic Pre-Press Certificate			•				
Echocardiology Technology AAS				•			
Echocardiology Technology Certificate				•			
Educational Personnel AAS				•			•
Bilingual/ESL AAS				•			•
Educational Assistant Certificate				•			•
Electrical Technology AAS							•
Electrical Technology Certificate							•
Electronic Telecommunications AAS				•			
Convergence Technology AAS							•
Convergence Technology Certificate							•
Electronic Telecommunications Certificate				•			
Technical Platform Certificate				•			
Wireless Communications Technology Certificate				•			
Electronics/Computer Technology AAS				•			
Computer Technology Enhanced Skills Certificate				•			
Telecommunications Enhanced Skills Certificate				•			
Basic Electronics Technology Certificate				•			
Semiconductor Manufacturing Technology AAS				•			
Electronics Technology AAS					•	•	
Avionics Enhanced Skills Certificate					•		
Automated Manufacturing Enhanced Skills Cert.					•	•	
Computer Maintenance Enhanced Skills Cert.					•	•	
Avionics Certificate					•		
Semiconductor Manufacturing Technology AAS					•	•	
Engine Technology		•					
Motorcycle Mechanics Certificate		•					
Outboard Mechanics Certificate		•					
Small Engine Mechanics Certificate		•					
Engineering Technology							•
Automated Systems Technology							•
CAD/CAM Certificate							•
Computer-Aided Design AAS							•
Electronics Technology AAS							•
Electronics Technology Certificate							•
Robotics Certificate							•

Career Educational Programs	BH	CV	EF	EC	MV	NL	RL
Fashion Design				•			
Apparel Design AAS				•			
Pattern Design AAS				•			
Food And Hospitality Service AAS				•			
Bakery/Pastry Certificate				•			
Food and Hospitality Certificate				•			
Health Information Management					•	•	
Medical Records Technician AAS					•	•	
Medical Records Coding Specialist Certificate					•	•	
Hotel/Motel Management AAS						•	
Hotel/Motel Management Certificate						•	
Interior Design AAS					•		
First Professional Level Cert. in Interior Design					•		
International Business & Trade AAS							•
International Business & Trade Certificate							•
Internet Pub., Training & Commerce Tech. Cert.				•			
Internet Pub., Trng. & Commerce Tech. Adv. Cert.				•			
Interpreter Training Program AAS				•			
Invasive Cardiovascular Technology AAS					•		
Management AAS	•	•	•	•	•	•	•
Management Certificate	•	•	•	•	•	•	•
Marketing Careers	•	•					
Business Marketing AAS	•	•					
Department Manager Enhanced Skills Cert.	•	•					
Customer Service Representative Certificate	•	•					
Fashion Marketing AAS	•	•					
Department Manager Enhanced Skills Cert.	•	•					
Retail Sales Associate Certificate	•	•					
Showroom Manager Certificate	•	•					
Visual Merchandising Assistant Certificate	•	•					
Medical Assisting Certificate					•	•	
Medical Laboratory Technology AAS					•		
Medical Staff Services AAS					•		
Medical Transcription Certificate					•		
Mortgage Banking AAS							•
Designate Certificate							•
Internship Skills Achievement Award							•
Multimedia Technology							•
Internet Communications Level I Certificate							•
Internet Communications Level II Certificate							•
Multimedia Authoring Level I Certificate							•
Multimedia Authoring Level II Certificate							•
Visual Design Level I Certificate							•
Visual Design Level II Certificate							•
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[illegible][illegible]

## ACCOUNTING

*Offered at all seven campuses*

(Associate Degree)

Degree Plan Number X40899

This degree is designed to prepare students for various career opportunities in accounting. Students may specialize in the areas of financial, managerial, cost, tax, and/or small business accounting. Emphasis is placed on internal accounting procedures and generally accepted accounting principles. This program is intended to provide a foundation on which the graduate can build an accounting career through expanded experience and/or further education.

This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## ACCOUNTING ASSISTANT

*Offered at all seven campuses*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53879

The program is designed to provide the student with an expanded knowledge of basic accounting and business principles while emphasizing the development of communication and human relations skills necessary for advancement in accounting or other business-related careers. The courses required for this certificate are applicable to the Associate of Applied Science Degree in Accounting.

This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.

## ACCOUNTING CLERK

*Offered at all seven campuses*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53889

This program is designed to provide the student with the skills necessary to obtain entry-level employment in accounting. Emphasis is on the development of basic accounting, spreadsheet, word processing, and ten-key skills. The courses required for the certificate are applicable to the Accounting Assistant Certificate and the Associate of Applied Science Degree in Accounting.

This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.

## AIR CONDITIONING AND REFRIGERATION -- RESIDENTIAL

*Cedar Valley, Eastfield, and North Lake only*

(Associate Degree, Tech Prep Enhanced Skills Certificate)

Degree Plan Number X41359

This program is designed to train students to meet employment requirements in the field of residential air conditioning. This will include the installation, repair and maintenance of residential air conditioning equipment. Included in this program is the study of residential air conditioners, heat pumps, gas and electric furnaces, humidifiers, and the design of residential air conditioning systems. Throughout the entire program an emphasis is placed on current techniques used by service technicians.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## TECH PREP ENHANCED SKILLS CERTIFICATE

This Enhanced Skills Certificate is attached to the Air Conditioning Refrigeration Residential Associate Degree and provides the student advanced skills required by the industry to specialize in Profit Center Management.

### PROFIT CENTER MANAGER

*Cedar Valley, Eastfield, and North Lake only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37339

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

This is a Tech Prep program. Students interested in pursuing the Tech Prep Enhanced Skills Certificate need to consult with their advisor.

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## **AIR CONDITIONING AND REFRIGERATION -- RESIDENTIAL TECHNICIAN I**

*Eastfield only*

(Skills Achievement Award)

Degree Plan Number X37049

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

## **AIR CONDITIONING AND REFRIGERATION -- RESIDENTIAL TECHNICIAN III**

*Cedar Valley, Eastfield and North Lake only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X51369

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

## **AIR CONDITIONING AND REFRIGERATION -- RESIDENTIAL TECHNICIAN II**

*Eastfield only*

(Skills Achievement Award)

Degree Plan Number X37059

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

# AIR CONDITIONING AND REFRIGERATION TECHNOLOGY

*Eastfield only*

(Associate Degree)

Degree Plan Number 440109

This program furnishes both the theory and practice required to qualify a person for employment in the various areas of the air conditioning and refrigeration industry. Special emphasis is placed on commercial and industrial air conditioning and refrigeration during the second year. Hands-on experience stresses operation and trouble-shooting of medium and low temperature refrigeration and chilled water air conditioning systems.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at **[<http://www.dcccd.edu/admiss/dp.htm>]** or from an academic advisor beginning June 1, 1999.*

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## AUTO BODY TECHNOLOGY

*Eastfield only*

(Associate Degree)

Degree Plan Number 441009

This program introduces the student to all facets of auto body repair and painting. Emphasis is placed upon the development of the necessary skills and knowledge required to function successfully in this industry. The program of study includes technical aspects of metal behavior combined with correct repair and refinishing procedures.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## AUTO BODY TECHNOLOGY

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number 450159

This program is designed to train a student in all facets of auto body repair and painting. Emphasis is placed upon those skills needed by the student to become a successful auto body repair person. This program offers the student a certificate in auto body technology upon successful completion of the program.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*



## **AUTO BODY TECHNOLOGY-- AUTO BODY METAL TECHNICIAN**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454079

Preparation for positions in the auto collision industry in the area of metal and structural repair. Courses include metal repair, frame repair, and major panel replacement. Students receive training using lab modules, live projects, and cooperative work experience.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

## **AUTO BODY TECHNOLOGY-- AUTO BODY PAINTER**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454089

Instruction leading to positions in the auto collision industry in the area of paint refinishing. Courses include surface preparation, overall refinishing, and paint mixing and tinting. Students receive training using lab modules, live projects, and cooperative work experience.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

# **AUTO BODY TECHNOLOGY-- AUTO BODY SHOP MANAGEMENT**

*Eastfield only*

(Certificate)

**(Students pursuing this certificate program are waived from TASP requirements.)**

Degree Plan Number 454099

Instruction leading to positions in management of auto collision facilities. Management positions include shop supervisors and managers, insurance estimators, supply sales, and factory product representatives. Classes are designed to provide a broad exposure to industry procedures and practices.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at **[<http://www.dcccd.edu/admiss/dp.htm>]** or from an academic advisor beginning June 1, 1999.*

## **AUTOMOTIVE TECHNOLOGY**

*Eastfield only*

(Associate Degree)

Degree Plan Number 440169

The purpose of this program is to prepare students for entry level employment as an automotive technician. This program of study will include theory, diagnosis, repair, overhaul and maintenance of automobiles. Emphasis is placed on operational theory, practical skills and accepted shop procedures.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/dp.htm>] or from an academic advisor beginning June 1, 1999.*

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## **AUTOMOTIVE TECHNOLOGY**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number 451819

The purpose of this program is to train persons for entry-level positions in the field of automotive technology. A certificate is issued upon successful completion of the program.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/dp.htm>] or from an academic advisor beginning June 1, 1999.*

## **AUTOMOTIVE TECHNOLOGY -- BRAKES AND FRONT END**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454209

This certificate prepares the student as an entry-level brake and suspension technician. Areas of study include brake service and basic theory, anti-lock brakes, theory and repair of suspension systems.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/dp.htm>] or from an academic advisor beginning June 1, 1999.*

## **AUTOMOTIVE TECHNOLOGY -- HEAT AND AIR**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454219

This certificate prepares the student as an entry-level heating and air conditioning technician. Areas of study include basic climate control principles, heat transfer theory, and computerized climate control systems.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/dp.htm>] or from an academic advisor beginning June 1, 1999.*

## **AUTOMOTIVE TECHNOLOGY -- POWER PLANT AND PERFORMANCE**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454229

This certificate prepares the student as an entry-level engine repair and diagnostic technician. Areas of study include engine systems theory and operation, ignition systems theory and operation, and fuel systems theory and operation.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

## **AUTOMOTIVE TECHNOLOGY-- POWER TRANSMISSIONS**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454239

This certificate prepares the student as an entry-level power transmissions technician. Areas of study include manual and automatic transmission theory and repair, drive train theory and repair, and computer controlled transmissions diagnostics and repair.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

# **AUTOMOTIVE TECHNOLOGY/DIESEL AND HEAVY EQUIPMENT— CONSTRUCTION EQUIPMENT**

*Eastfield only*

(Associate Degree)

Degree Plan Number 444249

Excavators, cranes, bulldozers, bob-cats, tractors, the monstrous yellow machines that busily construct. Our highways, shopping centers and homes are advanced instruments that require well-trained, highly skilled technicians to repair and maintain them. At Eastfield College, the Diesel and Heavy Equipment program provides an opportunity to train on the latest industry-standard equipment in the Heavy Equipment option.

After successful completion of Heavy Equipment course work, you may enter the field as an entry-level technician in the repair and maintenance of heavy construction equipment. Positions may be found in the following areas: equipment dealerships, construction contractors, mining, oil industries and other construction related industries.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# **AUTOMOTIVE TECHNOLOGY/DIESEL AND HEAVY EQUIPMENT—HEAVY TRUCK**

*Eastfield only*

(Associate Degree)

Degree Plan Number 444259

The Heavy Truck Specialization curriculum is designed to train future technicians in maintaining and repairing heavy trucks. Upon completion of the course work, you may enter the field as an entry-level diesel heavy truck technician, or as a technicians helpers.

The Heavy Truck specialization offers the training you will need, and helps develop your potential to reach a supervisory position with truck dealerships, freight companies, contractors, oil and mining industries, and other related fields.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# **AUTOMOTIVE TECHNOLOGY/DIESEL AND HEAVY EQUIPMENT— MAINTENANCE TECHNICIAN**

*Eastfield only*

(Certificate)

**(Students pursuing this certificate program are required to meet all TASP requirements.)**

Degree Plan Number 454269

This certificate prepares the student as an entry-level maintenance technician. Maintenance procedures and basic systems operations are studied.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

# BUSINESS ADMINISTRATION

*Offered at all seven campuses*

(Associate Degree)

Degree Plan Number X43659

The Business Administration associate degree is designed for students seeking a broad program of study in all phases of business practices. This degree focuses not only at the core of management (principles of management, organizational behavior, and personnel administration) but also encompasses the critical areas of business operations (principles of marketing, accounting, and business law).

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.



# CHILD DEVELOPMENT ASSOCIATE

*Brookhaven and Eastfield only*

(Associate Degree, Tech Prep Enhanced Skills  
Certificates)

Degree Plan Number X40209

The Child Development Program offers students an in-depth study of young children from birth to twelve years of age in conjunction with the Parent/Child Study Center that provides students day-to-day involvement with young children. The program is designed to enable students to provide an optimal learning and caring environment for children.

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1411 Introduction to Early Childhood Education .....	4
CDEC 1454 Child Growth and Development .....	4
COMM 1370 Applied Communications OR	
ENGL 1301 Composition I .....	3
SOCI 1301 Introduction to Sociology .....	3
+Elective .....	<u>3-4</u>
	17-18
<b>SEMESTER II</b>	
CDEC 1413 Curriculum Resources for Early Childhood Programs .....	4
CDEC 1318 Nutrition, Health and Safety .....	3
CDEC 1319 Child Guidance .....	3
MATH 1332 College Mathematics I OR .....	3
MATH 1414 College Algebra OR .....	(4)
MATH 1314 College Algebra .....	(3)
+Elective .....	<u>3-4</u>
	16-17
<b>SEMESTER III</b>	
CDEC 1194 Special Topics in Early Childhood* OR .....	1
CDEC 2475 Student Teaching in Child Development/Early Childhood I .....	(4)
GOVT 2301 American Government .....	3
SPCH 1311 Introduction to Speech Communication .....	3
CISC 1470 Introduction to Computer Concepts and Applications .....	4
+Elective .....	<u>3-4</u>
	14-17

## SEMESTER IV

CDEC 1195	Special Topics in Early Childhood Provider/Assistant OR .....	1
CDEC 2476	Student Teaching in Child Development/Early Childhood II .....	(4)
CDEC 2375	Abuse within the Family .....	3
CDEC 1280	Cooperative Education-Early Childhood Provider/Assistant OR .....	2
CDEC 2380	Cooperative Education-Early Childhood Provider/Assistant .....	(3)
PSYC 2301	Introduction to Psychology OR	
PSYC 2302	Applied Psychology .....	3
CDEC 1303	Family and the Community .....	3
++Elective	Humanities/Fine Arts .....	<u>3-4</u>
		15-20

Minimum Hours Required ..... 62-72

+Electives--must be selected from the following:

CDEC	1317	Child Development Associate Training I .....	3
CDEC	1359	Children with Special Needs .....	3
CDEC	1391	Special Topics in Family Life and Relations Studies .....	3
CDEC	1392	Special Topics in Child Development .....	3
CDEC	1393	Special Topics in Family Living and Parenthood .....	3
CDEC	1394	Special Topics in Early Childhood Development-School Age Growth and Development .....	3
CDEC	1395	Special Topics in Early Childhood Provider/Assistant .....	3
CDEC	1396	Special topics in Administration of Programs for Children .....	3
CDEC	1492	Special Topics in Child Development-School Age Recreation Leadership and Group Dynamics .....	4
CDEC	2322	Child Development Associate Training II .....	3
CDEC	2324	Child Development Associate Training III .....	3
CDEC	2326	Administration of Programs for Children I .....	3
CDEC	2328	Administration of Programs for Children II .....	3
CDEC	2373	Supportive Services for Exceptional Children .....	3
CDEC	2380	Cooperative Education-Early Childhood Provider/Assistant .....	3
CDEC	2421	The Infant and Toddler .....	4
CDEC	2441	The School Age Child .....	4
CDEC	2473	Learning Programs for Children with Special Needs .....	4
CDEC	2481	Cooperative Education-Early Childhood Provider/Assistant .....	4

++Elective--must be selected from the following:

ARTS	1301	Art Appreciation .....	3
MUSI	1306	Music Appreciation .....	3
SPAN	1411	Beginning Spanish*** .....	4

\*\*\*American Sign Language may not be substituted for this course.

CDEC 1194 and CDEC 1195 are taken as one hour courses concurrently with CDEC courses. CDEC 1194 and CDEC 1195 may be repeated for credit for a total of eight (8) hours and are equivalent to CDEC 2475 and CDEC 2476.

(Continued on next page)

# TECH PREP ENHANCED SKILLS CERTIFICATES

These Enhanced Skills Certificates are attached to the Child Development Associate Degree and provide the student advanced skills required by the industry to specialize as a Child Development Director in one of the following three categories:

## ADMINISTRATOR

*Brookhaven and Eastfield only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37349

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 2328 Administration of Programs for Children I .....	3
CDEC 2328 Administration of Programs for Children II .....	3
	<u>6</u>
Minimum Hours Required .....	6

## SPECIAL CHILD CAREGIVER

*Brookhaven and Eastfield only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37359

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 2373 Supportive Programs for Exceptional Children .....	3
CDEC 2473 Learning Programs for Children with Special Needs .....	4
	<u>7</u>
Minimum Hours Required .....	7

## INFANT AND TODDLER SPECIALIST

*Brookhaven and Eastfield only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37369

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1392 Special Topics in Child Development .....	3
CDEC 2421 The Infant and Toddler .....	4
	<u>7</u>
Minimum Hours Required .....	7

This is a Tech Prep program. Students interested in pursuing the Tech Prep Enhanced Skills Certificate need to consult with their advisor.

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# CHILD DEVELOPMENT -- ADMINISTRATIVE CERTIFICATE

*Brookhaven and Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X52149

This certificate program will provide an opportunity for the student to study administrative procedures for child care facilities.

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1411 Introduction to Early Childhood Education .....	4
CDEC 1454 Child Growth and Development.....	4
CDEC 2326 Administration of Programs for Children I .....	3
COMM 1370 Applied Communications OR	
ENGL 1301 Composition I .....	3
+Elective .....	3
	17
<b>SEMESTER II</b>	
CDEC 1318 Nutrition, Health and Safety .....	3
CDEC 1319 Child Guidance .....	3
CDEC 2328 Administration of Programs for Children II .....	3
SPCH 1311 Introduction to Speech Communication .....	3
CISC 1470 Introduction to Computer Concepts and Applications OR.....	4
MATH 1332 College Mathematics I OR	
MATH 1324 Mathematics for Business and Economics I OR	
MATH 1373 Applied Mathematics .....	(3)
+Elective .....	3
	18-19

Minimum Hours Required ..... 35

+Electives--must be selected from the following

CDEC 1194	Special Topics in Early Childhood.....	1
CDEC 1195	Special Topics in Early Childhood.....	1
CDEC 1303	Family and the Community.....	3
CDEC 1317	Child Development Associate Training I.....	3
CDEC 1391	Special Topics in Family Life and Relations Studies .....	3
CDEC 1396	Special Topics in Administration of Programs For Children .....	3
CDEC 2322	Child Development Associate Training II.....	3
CDEC 2324	Child Development Associate Training III.....	3
CDEC 2375	Abuse within the Family .....	3
CDEC 2380	Cooperative Education-Early Childhood Provider/Assistant .....	3

# CHILD DEVELOPMENT -- EARLY CHILDHOOD TRAINING CERTIFICATE

Brookhaven and Eastfield only

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X54109

This certificate program provides general courses in early childhood for those wanting to increase their skills and knowledge for working with children.

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1411 Introduction to Early Childhood Education .....	4
CDEC 1454 Child Growth and Development OR ..	4
CDEC 1392 Special Topics in Child Development AND	
CDEC 1393 Special Topics in Family Living and Parenthood.....	(3)
CDEC 1318 Nutrition, Health and Safety .....	3
CDEC 1319 Child Guidance .....	3
PSYC 2301 Introduction to Psychology OR	
SOCI 1301 Introduction to Sociology .....	3
+Elective .....	3-4
	20-23
<b>SEMESTER II</b>	
CDEC 1413 Curriculum, Resources for Early Childhood Programs.....	4
CDEC 1280 Cooperative Education-Early Childhood Provider/Assistant OR ....	2
CDEC 2380 Cooperative Education-Early Childhood Provider/Assistant OR ..	(3)
CDEC 2481 Cooperative Education-Early Childhood Provider/Assistant.....	(4)
COMM 1370 Applied Communications OR	
ENGL 1301 Composition I .....	3
+Elective .....	6-8
	15-19
Minimum Hours Required .....	35-42

+Electives—must be selected from the following:

CDEC	1194	Special Topics in Early Childhood .....	1
CDEC	1195	Special Topics in Early Childhood .....	1
CDEC	1303	Family and the Community.....	3
CDEC	1317	Child Development Associate Training I .....	3
CDEC	1359	Children with Special Needs .....	3
CDEC	1391	Special Topics in Family Life and Relations Studies.....	3
CDEC	1395	Special Topics in Early Childhood Provider/Assistant .....	3
CDEC	1492	Special Topics in Child Development-School Age Recreation Leadership and Group Dynamics .....	4
CDEC	2322	Child Development Associate Training II .....	3
CDEC	2324	Child Development Associate Training III .....	3
CDEC	2326	Administration of Programs for Children I .....	3
CDEC	2328	Administration of Programs for Children II .....	3
CDEC	2373	Supportive Services for Exceptional Children .....	3
CDEC	2375	Abuse within the Family .....	3
CDEC	2421	The Infant and Toddler .....	4
CDEC	2441	The School Age Child .....	4
CDEC	2473	Learning Programs for Children with Special Needs .....	4
EITP	1470	American Sign Language I .....	4

## CHILD DEVELOPMENT -- INFANT-TODDLER CERTIFICATE

*Brookhaven and Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X52169

This certificate program provides for an in-depth study of infant-toddler growth and development, programs, and services.

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1411 Introduction to Early Childhood Education .....	4
CDEC 1392 Special Topics in Child Development .....	3
CDEC 1319 Child Guidance .....	3
COMM 1370 Applied Communications OR	
ENGL 1301 Composition I .....	3
+Elective .....	3
	16
<b>SEMESTER II</b>	
CDEC 1318 Nutrition, Health, and Safety .....	3
CDEC 2421 The Infant and Toddler .....	4
CDEC 1303 Family and the Community .....	3
CDEC 2375 Abuse within the Family .....	3
SPCH 1311 Introduction to Speech Communication .....	3
+Elective .....	3
	19

Minimum Hours Required ..... 35

+Electives—must be selected from the following:

CDEC	1194	Special Topics in Early Childhood .....	1
CDEC	1195	Special Topics in Early Childhood .....	1
CDEC	1317	Child Development Associate Training I .....	3
CDEC	1391	Special Topics in Family Life and Relations Studies .....	3
CDEC	1395	Special Topics in Early Childhood Provider/Assistant .....	3
CDEC	2322	Child Development Associate Training II .....	3
CDEC	2324	Child Development Associate Training III .....	3
CDEC	2380	Cooperative Education-Early Childhood Provider/Assistant .....	3
SOCI	2301	Marriage, Family and Close Relationships .....	3

## CHILD DEVELOPMENT – SCHOOL- AGE CAREGIVER CERTIFICATE

*Brookhaven and Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X54199

This certificate program provides for an in-depth study of school-age growth and development, programs, and services. It is designed to enable students to provide an optimal learning environment for children in before- and after-school, recreational and summer programs.

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1394 Special Topics in Early Childhood-School-Age Growth and Development .....	3
CDEC 1319 Child Guidance .....	3
CDEC 1303 Family and the Community OR	
CDEC 2375 Abuse within the Family .....	3
CDEC 1318 Nutrition, Health, and Safety .....	3
ENGL 1301 Composition I .....	3
+Elective .....	3-4
	18-19
<b>SEMESTER II</b>	
CDEC 2441 The School-Age Child .....	4
CDEC 1492 Special Topics in Child Development-School Age Recreation Leadership and Group Dynamics .....	4
CDEC 2380 Cooperative Education-Early Childhood Provider/Assistant .....	3
CISC 1470 Introduction to Computer Concepts and Applications .....	4
+Elective .....	3-4
	18-19

Minimum Hours Required ..... 36-38

+Electives—must be selected from the following:

CDEC	1194	Special Topics in Early Childhood .....	1
CDEC	1195	Special Topics in Early Childhood .....	1
CDEC	1303	Family and the Community .....	3
CDEC	1391	Special Topics in Family Life and Relations Studies .....	3
CDEC	2326	Administration of Programs for Children I .....	3
CDEC	2328	Administration of Programs for Children II .....	3
CDEC	2373	Supportive Services for Exceptional Children .....	3
CDEC	2375	Abuse within the Family .....	3
CDEC	2473	Learning Programs for Children with Special Needs .....	4

# CHILD DEVELOPMENT -- SPECIAL CHILD CERTIFICATE

*Brookhaven and Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X52159

This certificate program is planned to emphasize the needs of special children and their families.

	CREDIT HOURS
<b>SEMESTER I</b>	
CDEC 1454 Child Growth and Development.....	4
CDEC 1318 Nutrition, Health and Safety .....	3
CDEC 1359 Children with Special Child.....	3
CDEC 1319 Child Guidance .....	3
PSYC 2301 Introduction to Psychology OR	
SOCI 1301 Introduction to Sociology.....	3
	16
<b>SEMESTER II</b>	
CDEC 1303 Family and the Community .....	3
CDEC 2373 Supportive Programs for Exceptional Children .....	3
CDEC 2473 Learning Programs for Children with Special Needs.....	4
CDEC 1280 Cooperative Education-Early Childhood Provider/Assistant OR ....	2
CDEC 2380 Cooperative Education-Early Childhood Provider/Assistant OR .. (3)	
CDEC 2481 Cooperative Education-Early Childhood Provider/Assistant..... (4)	
COMM 1370 Applied Communications OR	
ENGL 1301 Composition I .....	3
+Elective .....	3-4
	18-21

Minimum Hours Required ..... 34-37

+Elective--must be selected from the following:

CDEC	1194	Special Topics in Early Childhood.....	1
CDEC	1195	Special Topics in Early Childhood.....	1
CDEC	1317	Child Development Associate Training I.....	3
CDEC	1391	Special Topics in Family Life and Relations Studies .....	3
CDEC	1394	Special Topics in Early Childhood Development- School Age Growth and Development.....	3
CDEC	1413	Curriculum Resources for Early Childhood Programs .....	4
CDEC	2322	Child Development Associate Training II.....	3
CDEC	2324	Child Development Associate Training III.....	3
CDEC	2375	Abuse within the Family .....	3
CDEC	2421	The Infant and Toddler.....	4
		Needs.....	4
EITP	1470	American Sign Language I .....	4

# COMPUTER-AIDED DESIGN AND DRAFTING

Eastfield and Mountain View only

(Associate Degree, Tech Prep Enhanced Skills Certificate)

Degree Plan Number X42869

This program prepares the student for employment in a wide range of industries as a CAD operator, printed circuit board designer or technician. Information in related fields is provided to enable the student to work effectively with engineers, technologists, architects and professional staff. Enrollment in CADD cooperative work experience courses (co-op) provides students with on-the-job experience while in the program.

	CREDIT HOURS
<b>SEMESTER I</b>	
DFTG 1373 CAD/Graphic Processes .....	3
DFTG 1405 Technical Drafting .....	4
COMM 1370 Applied Communications OR	
ENGL 1301 Composition I .....	3
MATH 1314 College Algebra OR .....	3
MATH 1414 College Algebra .....	(4)
++++Elective Technical Elective .....	3
	16-17
<b>SEMESTER II</b>	
DFTG 1271 CAD Operations .....	2
DFTG 1372 Manufacturing Fundamentals .....	3
DFTG 1309 Basic Computer-Aided Drafting .....	3
+Elective DFTG Course OR .....	3
++Elective Cooperative Education - Drafting ..	(4)
SPCH 1311 Introduction to Speech Communication .....	3
	14-15
<b>SEMESTER III</b>	
+Elective DFTG Course .....	3
ENGR 1305 Descriptive Geometry OR	
++++Elective Technical Elective .....	3
PSYC 2302 Applied Psychology .....	3
++++Elective Technical Elective OR	
DFTG 2381 Cooperative Education - Drafting ....	3
+++Elective Humanities/Fine Arts .....	3
	16

## SEMESTER IV

DFTG 1394	Special Topics in Electrical/Electronic Drafting OR	
DFTG 1395	Special Topics in Mechanical Drafting OR	
DFTG 1392	Special Topics in Architectural Drafting .....	3
+Elective	DFTG Course OR	
++Elective	Cooperative Education-Drafting .....	3
+++++Elective	Natural Sciences/Mathematics .....	4
GOVT 2302	American Government OR	
HIST 1302	History of the United States .....	3
++++Elective	Technical Elective .....	3
		16

Minimum Hours Required .....61-63

+DFTG Elective courses must be selected from the following:

DFTG 1329	Electromechanical Drafting .....	3
DFTG 1344	Pipe Drafting .....	3
DFTG 1348	Topographical Drafting .....	3
DFTG 1354	Architectural Drafting - Commercial .....	3
DFTG 1358	Electrical/Electronics - Drafting .....	3
DFTG 1391	Selected Topics in Drafting .....	3
DFTG 1392	Special Topics in Architectural Drafting .....	3
DFTG 1394	Special Topics in Electrical/Electronics Drafting .....	3
DFTG 1395	Special Topics in Mechanical Drafting .....	3
DFTG 1417	Architectural Drafting - Residential .....	4
DFTG 2310	Structural Drafting .....	3
DFTG 2312	Technical Illustration .....	3
DFTG 2336	Computer-Aided Drafting Programming .....	3
DFTG 2340	Solid Modeling Design .....	3
DFTG 2350	Geometric Dimensioning and Tolerancing .....	3

++ Cooperative Education - Drafting courses must be selected from the following:

DFTG 1480	Cooperative Education - Drafting .....	4
DFTG 1481	Cooperative Education - Drafting .....	4
DFTG 2380	Cooperative Education - Drafting .....	3
DFTG 2381	Cooperative Education - Drafting .....	3

(Continued on next page)

+++Elective must be selected from the following:

ARTS	1301	Art Appreciation .....	3
DRAM	1310	Introduction to the Theatre .....	3
ENGL	2322	British Literature .....	3
ENGL	2323	British Literature .....	3
ENGL	2327	American Literature .....	3
ENGL	2328	American Literature .....	3
ENGL	2332	World Literature .....	3
ENGL	2333	World Literature .....	3
ENGL	2370	Studies in Literature .....	3
ENGL	2371	Studies in Literature .....	3
HUMA	1301	Introduction to Humanities .....	3
MUSI	1306	Music Appreciation .....	3
PHIL	1301	Introduction to Philosophy .....	3
Foreign Language or American Sign Language.....			4

++++Electives must be selected from the following:

DFTG	1224	Blueprint Reading and Sketching-Mechanical.....	2
DFTG	1225	Blueprint Reading and Sketching-Architectural ....	2
CISC	1470	Introduction to Computer Concepts and Applications .....	4
OFCT	1171	Keyboarding .....	1
GRPH	1305	Introduction to Graphic Arts and Printing .....	3

This elective may also be selected from other technical courses approved by the Computer Aided Design and Drafting Department.

+++++Elective must be selected from these disciplines: Biology, Chemistry, Geology, Physics and Mathematics.

## TECH PREP ENHANCED SKILLS CERTIFICATE

This Enhanced Skills Certificate is attached to the Computer Aided Design and Drafting Associate Degree and provides the student advanced skills required by the industry to specialize as a Junior CADD Specialist.

### JUNIOR CADD SPECIALIST

*Eastfield and Mountain View only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37379

	CREDIT HOURS
<b>SEMESTER I</b>	
DFTG 2336 Computer-Aided Drafting Programming <b>OR</b>	
DFTG 1391 Selected Topics in Drafting <b>OR</b>	
DFTG 2380 Cooperative Education - Drafting....	3
CISC 2480 PC Hardware .....	4
CISC 2474 C Programming .....	4
CISC 1372 Data Communications and Operating Systems .....	3
	<b>14</b>

Minimum Hours Required ..... 14

This is a Tech Prep program. Students interested in pursuing the Tech Prep Enhanced Skills certificate need to consult with their advisor.

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.



# COMPUTER-AIDED DESIGN AND DRAFTING -- COMPUTER-AIDED DESIGN OPERATOR

*Eastfield and Mountain View only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53059

This certificate program prepares a student to become certified as an entry-level CADD operator and enter the work force. Jobs performed would entail 2D and 3D CADD drawings using AutoCAD software.

	CREDIT HOURS
<b>SEMESTER I</b>	
DFTG 1405 Technical Drafting .....	4
DFTG 1309 Basic Computer-Aided Drafting .....	3
	7
<b>SEMESTER II</b>	
DFTG 2312 Technical Illustration .....	3
+Elective DFTG Course .....	3
+Elective DFTG Course .....	3
	9
Minimum Hours Required .....	16

+DFTG course - must be selected from the following:

DFTG 1329	Electromechanical Drafting .....	3
DFTG 1344	Pipe Drafting .....	3
DFTG 1348	Topographical Drafting .....	3
DFTG 1354	Architectural Drafting - Commercial .....	3
DFTG 1358	Electrical/Electronic Drafting .....	3
DFTG 1391	Special Topics in Drafting .....	3
DFTG 1392	Special Topics in Architectural Drafting .....	3
DFTG 1394	Special Topics in Electrical/Electronic Drafting .....	3
DFTG 1417	Architectural Drafting - Residential .....	4
DFTG 2310	Structural Drafting .....	3
DFTG 2336	Computer-Aided Drafting Programming .....	3
DFTG 2340	Solid Modeling Design .....	3
DFTG 2350	Geometric Dimensioning and Tolerancing .....	3

# COMPUTER-AIDED DESIGN AND DRAFTING -- ADVANCED COMPUTER-AIDED DESIGN OPERATOR

*Eastfield and Mountain View only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53069

This certificate program prepares a student to become certified as an advanced CADD operator and enter the work force. Jobs performed would include making 2D and 3D CADD drawings using AutoCAD software. In addition, the student would be capable of customizing the AutoCAD program and have additional skills in solid modeling and specific areas of CADD.

	CREDIT HOURS
<b>SEMESTER I</b>	
DFTG 1405 Technical Drafting .....	4
DFTG 1309 Basic Computer-Aided Drafting .....	3
DFTG 1271 CAD Operations .....	2
CISC 1470 Introduction to Computer Concepts and Applications .....	4
	13
<b>SEMESTER II</b>	
DFTG 2336 Computer-Aided Drafting Programming .....	3
MATH 1414 College Algebra OR .....	4
MATH 1314 College Algebra .....	(3)
ENGL 1301 Composition .....	3
DFTG 2312 Technical Illustration .....	3
+Elective .....	3-4
	16
Minimum Hours Required .....	29

+DFTG course - must be selected from the following:

DFTG 1329	Electromechanical Drafting .....	3
DFTG 1344	Pipe Drafting .....	3
DFTG 1348	Topographical Drafting .....	3
DFTG 1354	Architectural Drafting - Commercial .....	3
DFTG 1358	Electrical/Electronic Drafting .....	3
DFTG 1391	Special Topics in Drafting .....	3
DFTG 1392	Special Topics in Architectural Drafting .....	3
DFTG 1394	Special Topics in Electrical/Electronic Drafting .....	3
DFTG 1417	Architectural Drafting - Residential .....	4
DFTG 2310	Structural Drafting .....	3
DFTG 2336	Computer-Aided Drafting Programming .....	3
DFTG 2340	Solid Modeling Design .....	3
DFTG 2350	Geometric Dimensioning and Tolerancing .....	3

# COMPUTER AIDED DESIGN AND DRAFTING--INTEGRATED CIRCUIT DESIGN

*Eastfield only*

(Associate Degree)

Degree Plan Number 444059

The Integrated Circuit Design program trains the student to prepare layout drawings and designs of integrated circuits from schematics using computer-aided design equipment. The program aids the student in developing the skills necessary to convert logic diagrams to cell drawings in accordance with design rules. Students will perform design rule checks and prepare databases for pattern generation. Emphasis is placed on working closely with all members of the semiconductor manufacturing design team.

## CREDIT HOURS

### SEMESTER I

ELET 2374	SMT Processes and Materials I .....	3
DFTG 1309	Basic Computer-Aided Drafting .....	3
ENGL 1301	Composition I .....	3
ELET 1470	DC Circuits and Electrical Measurements .....	4
DFTG 1358	Electrical/Electronics Drafting .....	3
		16

### SEMESTER II

MATH 1374	Technical Mathematics OR .....	3
MATH 1414	College Algebra OR .....	(4)
MATH 1314	College Algebra .....	(3)
DFTG 2304	Printed Circuit Board Design .....	3
CISC 1471	Problem Solving with the Computer ..	4
DFTG 2374	Integrated Circuit Design .....	3
+Elective	Social/Behavioral Science .....	3
		16

### SEMESTER III

DFTG 2375	Advanced Integrated Circuit Design ..	3
CISC 1480	UNIX Operating System I .....	4
ELET 1473	Digital Logic Principles .....	4
+++Elective	Technical Elective .....	3
SPCH 1311	Introduction to Speech Communications .....	3
		17

### SEMESTER IV

CISC 2474	C Programming .....	4
++Elective	Humanities/Fine Arts .....	3
++++Elective	Natural Science .....	4
+++Elective	Technical .....	3-4
DFTG 1394	Special Topics in Electrical/ Electronics Drafting .....	3
		17

Minimum Hours Required ..... 66

+Elective - Social/Behavioral Science elective must be selected from the following:

ANTH	2351	Cultural Anthropology .....	3
GOVT	2301	American Government .....	3
GOVT	2302	American Government .....	3
HIST	1301	History of the United States .....	3
HIST	1302	History of the United States .....	3
HIST	2311	Western Civilization .....	3
HIST	2312	Western Civilization .....	3
HDEV	1370	Educational and Career Planning .....	3
PSYC	2302	Applied Psychology .....	3
PSYC	2301	Introduction to Psychology .....	3
PSYC	2314	Developmental Psychology .....	3
PSYC	2316	Psychology of Personality .....	3
RELI	1370	Religion in American Culture .....	3
RELI	1372	The History and Literature of the Bible .....	3
RELI	1304	Major World Religions .....	3
SOCI	1301	Introduction to Sociology .....	3
SOCI	1306	Social Problems .....	3

++Elective - Humanities/Fine Arts elective should be selected from the following:

ARTS	1301	Art Appreciation .....	3
DRAM	1310	Introduction to the Theatre .....	3
ENGL	2322	British Literature .....	3
ENGL	2327	American Literature .....	3
ENGL	2328	American Literature .....	3
ENGL	2332	World Literature .....	3
ENGL	2333	World Literature .....	3
ENGL	2370	Studies in Literature .....	3
ENGL	2371	Studies in Literature .....	3
HUMA	1301	Introduction to the Humanities .....	3
PHIL	1301	Introduction to Philosophy .....	3
Foreign Language		.....	3

+++Elective - Technical elective must be selected from CISC, DFTG, ELEC, GRPH, or other technical courses approved by the Computer-Aided Design and Drafting program.

++++Elective must be selected from these disciplines: Biology, Chemistry, Geology, Physics and Mathematics.

# COMPUTER AIDED DESIGN AND DRAFTING--INTEGRATED CIRCUIT DESIGN

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 454129

This certificate program provides courses work to assist the student to prepare for entry-level positions in Integrated Circuit Design. Emphasis is placed on working closely with all members of the semiconductor design team.

	CREDIT HOURS
<b>SEMESTER I</b>	
DFTG 1309 Basic Computer-Aided Drafting .....	3
DFTG 1358 Electrical/Electronics Drafting.....	3
ELET 1470 DC Circuits and Electrical Measurements .....	4
DFTG 2374 Integrated Circuit Design .....	3
	13
<b>SEMESTER II</b>	
ELET 2374 SMT Processes and Materials I .....	3
DFTG 2375 Advanced Integrated Circuit Design ..	3
CISC 1471 Problem Solving with the Computer ..	4
ELET 1473 Digital Logic Principles .....	4
	14
Minimum Hours Required .....	27

# COMPUTER INFORMATION SYSTEMS -- BUSINESS COMPUTER INFORMATION SYSTEMS

*Offered at all seven campuses*

(Associate Degree)

Degree Plan Number X42279

This option is designed to develop entry-level skills and knowledge in computer information systems. The option includes several business courses found in university degree programs as well as CISC courses which will prepare students for CISC course work at a university. A touch typing speed of 20 words per minute is suggested for most CISC courses with a lab component. Students are advised to develop this proficiency.

	CREDIT HOURS
<b>SEMESTER I</b>	
CISC 1470 Introduction to Computer Concepts and Applications .....	4
CISC 1471 Problem Solving with the Computer .....	4
BUSI 1301 Introduction to Business OR	
MGMT 1370 Principles of Management.....	3
ENGL 1301 Composition I .....	3
MATH 1324 Mathematics for Business and Economics I .....	3
	17
<b>SEMESTER II</b>	
CISC 1372 Data Communications and Operating Systems .....	3
CISC 1476 Programming I .....	4
ACCT 2301 Principles of Accounting I OR.....	3
ACCT 2401 Principles of Accounting I .....	(4)
MATH 1325 Mathematics for Business and Economics II .....	3
SPCH 1311 Introduction to Speech Communication .....	3
	16-17
<b>SEMESTER III</b>	
CISC 1477 Programming II OR	
CISC 1480 UNIX Operating System I .....	4
ACCT 2302 Principles of Accounting II OR.....	3
ACCT 2402 Principles of Accounting II .....	(4)
ECON 2301 Principles of Economics I .....	3
+Elective .....	3-4
Elective Humanities/Fine Arts .....	3
	16-18

## SEMESTER IV

CISC 2474	C Programming OR	
CISC 2475	Microcomputer Assembly Language OR	
CISC 2490	UNIX Operating Systems II .....	4
CISC 2479	Systems Analysis and Design .....	4
ECON 2302	Principles of Economics II .....	3
Elective	Social/Behavioral Science .....	3
		14

Minimum Hours Required .....63

+Elective—Any CISC course including but not limited to CISC 7271, CISC 7371 or CISC 7471

NOTE: Students may obtain credit toward a degree for only one of each of the pairs of courses listed below:

CISC 1373 or COSC 1310  
CISC 2473 or COSC 2325

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# COMPUTER INFORMATION SYSTEMS -- BUSINESS SOFTWARE PROGRAMMER/DEVELOPER

Offered at all seven campuses

(Associate Degree)

Degree Plan Number X42669

This option is intended for the preparation of entry-level computer programmers who will work in an applications setting to support the information processing function. It is designed as a two-year career program to prepare students for direct entry into the work environment. It is intended to provide a sufficient foundation so the graduate with experience and continued learning may advance in career paths appropriate to their own particular interests and abilities. Touch typing speed of 20 words per minute is suggested for most CISC courses with a lab component. Students are advised to develop this proficiency.

	CREDIT HOURS
<b>SEMESTER I</b>	
CISC 1470 Introduction to Computer Concepts and Applications .....	4
CISC 1471 Problem Solving with the Computer ..	4
BUSI 1301 Introduction to Business OR	
MGMT 1370 Principles of Management .....	3
ENGL 1301 Composition I .....	3
MATH 1332 College Mathematics I <sup>1</sup> .....	3
	17
<b>SEMESTER II</b>	
CISC 1372 Data Communications and Operating Systems .....	3
CISC 1476 Programming I .....	4
CISC 2470 Control Language and Operating Environments OR	
CISC 2478 PC Operating Systems and Utilities OR	
CISC 1480 UNIX Operating Systems .....	4
PSYC 2302 Applied Psychology <sup>2</sup> .....	3
SPCH 1311 Introduction to Speech Communication .....	3
	17
<b>SEMESTER III</b>	
CISC 2375 User Documentation and Training ....	3
CISC 2481 Database Applications .....	4
CISC XXXX CISC Programming Course <sup>3</sup> .....	3-4
ACCT 2301 Principles of Accounting I OR .....	3
ACCT 2401 Principles of Accounting I .....	(4)
Elective Humanities/Fine Arts .....	3
	16-18

## SEMESTER IV

CISC 2479 Systems Analysis and Design .....	4
CISC XXXX CISC Programming Course <sup>4</sup> .....	3-4
CISC XXXX Any CISC Programming OR	
Application Development Course .....	3-4
+Elective .....	3-4
	13-16

Minimum Hours Required .....63

+Elective--Any CISC or COSC course including but not limited to CISC 7271, CISC 7371, CISC 7471

NOTE: Students may obtain credit toward a degree for only one of each of the pairs of courses listed below:

CISC 1373 or COSC 1310  
CISC 2473 or COSC 2325

<sup>1</sup> MATH 1324 may be substituted for MATH 1332.

<sup>2</sup> PSYC 2301 may be substituted for PSYC 2302.

<sup>3</sup> First in a two-course programming language series or CISC 1477 or CISC 2490.

<sup>4</sup> Second in a two-course programming language series or any CISC programming course if CISC 1477 or CISC 2490 is completed

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# COMPUTER INFORMATION SYSTEMS -- LOCAL AREA NETWORK ADMINISTRATOR

*Brookhaven, Eastfield, North Lake and Richland only*

(Associate Degree)

Degree Plan Number X43199

This program will provide training and education for individuals interested in developing their knowledge and skills as a local area network administrator. The program emphasizes practical skills required to perform duties in the work environment under the supervision of an experienced local area network administrator. The objectives of the program are to provide instruction that presents the fundamentals of computer networking, an in-depth look at fundamentals of designing and implementing computer-related local area networks, local area network software, network and hardware supply to local area networks, and instruction that will help the student build his background in the area of operation and management in the local area network environment. Additionally, practical experience and skills will be acquired through the student's participation in cooperative education work experiences. This course of study will allow the student to get work-related exposure for applying skills as a local area network administrator.

	CREDIT HOURS
<b>SEMESTER I</b>	
CISC 1470	Introduction to Computer Concepts and Applications .....4
CISC 1471	Problem Solving with the Computer .....4
ENGL 1301	Composition I .....3
MATH 1324	Mathematics for Business and Economics I .....3
PSYC 2302	Applied Psychology OR
PSYC 2301	Introduction to Psychology .....3
	17
<b>SEMESTER II</b>	
CISC 1372	Data Communications and Operating Systems .....3
CISC 1474	Text Processing Applications .....4
MGMT 1370	Principles of Management .....3
SPCH 1311	Introduction to Speech Communication .....3
Elective	Humanities/Fine Arts .....3
	16

## SEMESTER III

CISC 2370	Fundamentals of Networking ..... 3
CISC 2471	Network Software ..... 4
CISC 2478	PC Operating Systems and Utilities . 4
+Electives	..... 3-4
++Electives	..... 3-4
	17-19

## SEMESTER IV

CISC 2375	User Documentation and Training ... 3
CISC 2480	PC Hardware ..... 4
CISC 2485	Network Problems and Applications . 4
CISC 2488	Network Hardware ..... 4
	15

Minimum Hours Required .....65

+Elective--Any CISC course including but not limited to CISC 7271, CISC 7371, or CISC 7471

++Elective--must be selected from the following:

CISC	1476	Programming I .....4
CISC	1479	Application Development Tools .....4
CISC	1373	BASIC Programming .....3
CISC	1480	UNIX Operating System I .....4
CISC	2476	Spreadsheet Applications .....4
CISC	2481	Database Applications .....4
CISC	2374	Advanced BASIC Techniques .....3
CISC	2490	UNIX Operating System II .....4
CISC	2491	UNIX System Administration .....4
CISC	7271	Cooperative Work Experience .....2
CISC	7371	Cooperative Work Experience .....3
CISC	7471	Cooperative Work Experience .....4
CISC	7272	Cooperative Work Experience .....2
CISC	7372	Cooperative Work Experience .....3
CISC	7472	Cooperative Work Experience .....4
MATH	1342	Introduction to Statistics .....3

Students may obtain credit toward a degree for only one of each pair of courses below:

CISC 1373 or COSC 1310  
CISC 2473 or COSC 2325

Students who wish to pursue a particular interest in connection with networking should select their elective courses accordingly. A student who has an interest related to network use of applications should select CISC 2476, CISC 2481, or appropriate work experience. A LAN student interested in programming skills should select CISC 1476, CISC 1479, CISC 1373 or CISC 2374.

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# COMPUTER INFORMATION SYSTEMS -- LAN SERVER OPERATOR

*Brookhaven, Eastfield, North Lake and Richland only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53339

LAN server operators are prepared to perform the daily and routine tasks associated with maintaining a local area network server. These operators can set up new users on the system, create directories, perform daily backups of the server hard disk, scan for computer virus infections, manipulate printer operations, check for security problems, install applications on the server, and assist users in learning how to log in and out of the network and perform other routine user tasks on the network.

	CREDIT HOURS
<b>SUMMER SEMESTER</b>	
CISC 1470 Introduction to Computer Concepts and Applications .....	4
ENGL 1301 Composition I .....	3
	<u>7</u>
<b>FALL SEMESTER</b>	
CISC 1372 Data Communications and Operating Systems .....	3
CISC 1471 Problem Solving with the Computer ..	4
CISC 1474 Text Processing Applications.....	4
SPCH 1311 Introduction to Speech Communication .....	3
	<u>14</u>
<b>SPRING SEMESTER</b>	
CISC 2370 Fundamentals of Networking .....	3
CISC 2375 User Documentation and Training ....	3
CISC 2471 Network Software .....	4
CISC 2478 PC Operating Systems and Utilities .....	4
	<u>14</u>
Minimum Hours Required .....	35

Students who are not interested in completing the two-year program in Local Area Network Administrator have the option of completing in one year the certificate program for LAN Server Operator. All ten of the courses required for the LAN Server Operator certificate will apply if the student subsequently chooses to continue work on the two-year program in LAN Administrator.

# COMPUTER INFORMATION SYSTEMS -- PERSONAL COMPUTER SUPPORT

*Eastfield, El Centro, Mountain View, and Richland only*

(Associate Degree)

Degree Plan Number X42799

This program includes education/training to qualify students to provide support for personal computer users; to trouble-shoot software and hardware problems, implementing corrections where possible; to evaluate new software and hardware, matching company standards to product specifics; to install hardware and software, including equipment assembly and diagnostics; and to assist in the development of training courses and providing training for users.

A touch typing speed of 20 words per minute is suggested for most CISC courses with a lab component. Students are advised to develop this proficiency.

## CREDIT HOURS

### SEMESTER I

CISC 1470	Introduction to Computer Concepts and Applications .....	4
CISC 1471	Problem Solving with the Computer .....	4
BUSI 1301	Introduction to Business OR	
MGMT 1370	Principles of Management .....	3
ENGL 1301	Composition I .....	3
MATH 1332	College Mathematics I <sup>1</sup> .....	3
		17

### SEMESTER II

CISC 1372	Data Communications and Operating Systems .....	3
CISC 1474	Text Processing Applications .....	4
CISC 2476	Spreadsheet Applications .....	4
ACCT 1371	Elementary Accounting <sup>2</sup> .....	3
SPCH 1311	Introduction to Speech Communication .....	3
		17

### SEMESTER III

CISC 2370	Fundamentals of Networking .....	3
CISC 2478	PC Operating Systems and Utilities .....	4
CISC 2480	PC Hardware .....	4
PSYC 2302	Applied Psychology <sup>3</sup> .....	3
Elective	Humanities/Fine Arts .....	3
		17

### SEMESTER IV

CISC 2375	User Documentation and Training ...	3
CISC 2481	Database Applications .....	4
CISC 7371	Cooperative Work Experience OR....	3
CISC 7471	Cooperative Work Experience .....	(4)
+Elective		3-4
		13-15

Minimum Hours Required ..... 64

+Elective - Any CISC course.

NOTE: Students may obtain credit toward a degree for only one of each pair of courses below:

CISC 1373 or COSC 1310  
CISC 2473 or COSC 2325

<sup>1</sup> MATH 1324 may be substituted for MATH 1332.

<sup>2</sup> ACCT 2301 or ACCT 2401 may be substituted for ACCT 1371.

<sup>3</sup> PSYC 2301 may be substituted for PSYC 2302.

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.



## CRIMINAL JUSTICE

*Cedar Valley, Eastfield, El Centro and Mountain View only*

(Associate Degree, Tech Prep Enhanced Skills Certificate)

Degree Plan Number X42449

The curriculum is designed for those with Criminal Justice backgrounds as well as for recent high school graduates interested in preparing for employment in the fields of law enforcement, corrections, probations and paroles or private security.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

## TECH PREP ENHANCED SKILLS CERTIFICATES

These Enhanced Skills Certificates are attached to the Criminal Justice Associate Degree and provide the student advanced skills required by the industry to specialize in Human Services or Law Enforcement.

### HUMAN SERVICES

*Cedar Valley, Eastfield, El Centro and Mountain View only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37389

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

### LAW ENFORCEMENT

*Cedar Valley, Eastfield, El Centro and Mountain View only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37399

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

This is a Tech Prep program. Students interested in pursuing the Tech Prep Enhanced Skills certificate need to consult with their advisor.

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## CRIMINAL JUSTICE

*Cedar Valley, Eastfield, El Centro and Mountain View only*

(Certificate)

**(Students pursuing this certificate program are required to meet all TASP requirements.)**

Degree Plan Number X53939

This certificate is attached to the Criminal Justice Associate Degree and provides the student the skills and academic requirements necessary to qualify for a law enforcement agency with a minimum 45 semester-hour requirement.

## CRIMINAL JUSTICE

*Cedar Valley, Eastfield, El Centro and Mountain View only*

(Certificate)

**(Students pursuing this certificate program are waived from TASP requirements.)**

Degree Plan Number X53949

This certificate is attached to the Criminal Justice Associate Degree and provides the student the skills and academic requirements necessary to qualify for a law enforcement agency with a minimum 30 semester-hour requirement.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [\[http://www.dcccd.edu/admiss/dp.htm\]](http://www.dcccd.edu/admiss/dp.htm) or from an academic advisor beginning June 1, 1999.*

# DIGITAL IMAGING TECHNOLOGY

Eastfield only

(Associate Degree)

Degree Plan Number 443959

This program focuses on the application of computer technology in the area of digital publishing, preparing the student for employment in the areas of commercial printing, electronic pre-press, multimedia publishing, desktop publishing, or graphic design. A strong background in traditional skills is stressed and strengthened with training in contemporary software and business management techniques. Advanced students work in an in-house service bureau, serve as professional interns, or participate in a cooperative work program to gain practical job experience preparing them for full-time employment.

	CREDIT HOURS
<b>SEMESTER I</b>	
GRPH 1305 Introduction to Graphic Arts and Printing .....	3
GRPH 1309 Press Operations I.....	3
GRPH 1395 Special Topics in Typography and Composition Equipment Operation ..	3
GRPH 1322 Electronic Publishing I.....	3
MATH 1414 College Algebra .....	4
	16
<b>SEMESTER II</b>	
+GRPH 1325 Digital Imaging I.....	3
GRPH 1354 Electronic Publishing II.....	3
ARTS 1311 2D Design .....	3
ENGL 1301 Composition I.....	3
++ Elective .....	3-4
	15-16
<b>SEMESTER III</b>	
GRPH 1357 Digital Imaging II.....	3
GRPH 1359 Object-Oriented Computer Graphics ..	3
SPCH 1311 Introduction to Speech Communication .....	3
PSYC 2301 Introduction to Psychology .....	3
++Elective .....	3-4
	15-16
<b>SEMESTER IV</b>	
GRPH 2336 Pre-Press Techniques .....	3
GRPH 1391 Special Topics in Graphics and Printing.....	3
GRPH 2341 Electronic Publishing III.....	3
GRPH 2381 Cooperative Education-Graphic and Printing Equipment Operator.....	3
++Elective .....	3-4
	15-16
Minimum Hours Required .....	61-64

+GRPH 1223 Digital Imaging I and GRPH 1224 Digital Imaging I may be substituted for GRPH 1325 Digital Imaging I.

++Elective - Student must select from the following:

ARTS 1312	3D Design.....	3
ARTS 1316	Drawing I.....	3
ARTS 1317	Drawing II.....	3
ARTS 2316	Painting I.....	3
ENGL 1302	Composition II.....	3
ENGL 2311	Technical Writing.....	3
(Prerequisites: ENGL 1301 and ENGL 1302)		
PHOT 1316	Introduction to Photography and Photojournalism.....	3
PHOT 1317	Advanced Photography and Photojournalism.....	3
PHOT 2370	Photography for Publications .....	3
Any Computer Aided Drafting and Design course.....		3-4
Some Computer Information Systems courses .....		3-4
(see GRPH Program Director)		
Any Electronics course .....		3-4
Any Graphic Arts (Digital Imaging Technology) course.....		3-4
Any Journalism course.....		3-4

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# DIGITAL IMAGING TECHNOLOGY -- ELECTRONIC PRE-PRESS

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 453969

This program provides students with entry level digital imaging production skills. Students use state of the art computer software and hardware to professionally design images for print and electronic publication.

## CREDIT HOURS

### SEMESTER I

GRPH 1305	Introduction to Graphic Arts and Printing .....	3
GRPH 1322	Electronic Publishing I .....	3
ENGL 1301	Composition I .....	3
		<u>9</u>

### SEMESTER II

GRPH 1354	Electronic Publishing II .....	3
GRPH 1223	Digital Imaging I .....	2
GRPH 1258	Object-Oriented Computer Graphics .....	2
MATH 1414	College Algebra .....	4
		<u>11</u>

### SEMESTER III

GRPH 2341	Electronic Publishing III .....	3
GRPH 2336	Pre-Press Techniques .....	3
+Elective	.....	3
		<u>9</u>

Minimum Hours Required ..... 29

+Electives must be selected from the following:

GRPH	1391	Special Topics in Graphic and Printing Equipment Operator - Web Graphic Design .....	3
GRPH	1395	Special Topics in Graphic and Printing Equipment Operator - Typography .....	3
GRPH	2382	Cooperative Work Experience .....	3

# **ELECTRONIC TELECOMMUNICATIONS**

*Eastfield only*

(Associate Degree)

Degree Plan Number 442599

This program is designed to prepare students to work as hardware technicians in the field of telecommunications. The student will be trained to test, interface, trouble-shoot, and repair equipment for the telecommunications industry. The student will learn schematic interpretation, test equipment usage, and technical communications.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# **ELECTRONIC TELECOMMUNICATIONS**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 453419

This one-year program provides the student with the basic skills needed in the electronic telecommunications industry. All of the courses for the one-year certificate are applicable to the Electronic Telecommunications associate degree.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

## **ELECTRONIC TELECOMMUNICATIONS-- TECHNICAL PLATFORM**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 453769

This certificate is designed to prepare students for entry-level jobs in the electronics industry. All of the courses in this certificate are applicable to the Electronics/Computer Technology or Electronic Telecommunications associate degrees.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

## **ELECTRONIC TELECOMMUNICATIONS--WIRELESS COMMUNICATIONS TECHNOLOGY**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number 453759

This certificate is designed to prepare students for employment in the telecommunications industry. This certificate program provides students broad-based knowledge of wireless technology and its associated hardware. All of the courses for this certificate are applicable to the Electronic Telecommunications associate degree.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

# ELECTRONICS/COMPUTER TECHNOLOGY

*Eastfield only*

(Associate Degree, Tech Prep Enhanced Skills Certificates)

Degree Plan Number 440689

This curriculum is designed to prepare a graduate to work as a technician on devices that require digital circuits such as computers, test equipment, automatic control units and central distribution systems. The student will learn schematic interpretation, test equipment usage, and technical communications.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

# TECH PREP ENHANCED SKILLS CERTIFICATES

These Enhanced Skills Certificates are attached to the Electronics/Computer Technology Associate Degree and provide the student advanced skills required by the industry to specialize in Computer Technology or Telecommunications.

## COMPUTER TECHNOLOGY

*Eastfield only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number 437409

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

## TELECOMMUNICATIONS

*Eastfield only*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number 437419

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

This is a Tech Prep program. Students interested in pursuing the Tech Prep Enhanced Skills Certificate need to consult with their advisor.

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# **ELECTRONICS/COMPUTER TECHNOLOGY -- BASIC ELECTRONICS TECHNOLOGY**

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 453219

This one-year program provides the student with the basic skills needed in the electronic industry. All of the courses for the one-year certificate are applicable to the Electronics/Computer Technology Associate Degree.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

# **ELECTRONICS/COMPUTER TECHNOLOGY -- SEMICONDUCTOR MANUFACTURING TECHNOLOGY**

*Eastfield only*

(Associate Degree)

Degree Plan Number 444169

This program prepares the student to perform the technical tasks within a wafer fabrication area and includes monitoring process output parameters, analyzing and troubleshooting process related problems, analyzing various chemical reactions, and making decisions which will improve yield of various wafer lots. The course of study may involve participating in wafer experiments or designing of experiments to find the source of process problems or measurement of process limits. Emphasis is placed on working closely with all members of the semiconductor manufacturing team.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.



# INTERPRETER TRAINING PROGRAM

*Eastfield only*

(Associate Degree)

Degree Plan Number 442919

The major in Interpreter Training prepares students to work as professional interpreters with deaf and hearing consumers. During the two-year curriculum, students gain knowledge about the field of American Sign Language interpreting, deafness and American Deaf Culture, the skill to produce American Sign Language and then the skill to interpret between American Sign Language and English.

The student must demonstrate competence in English in order to acquire an in-depth facility in/knowledge of American Sign Language.

The Interpreter Training Program is designed to prepare hearing students for Interpreter Certification testing either at the state or national level.

Prior to enrollment in this program, you must contact the Interpreter Training Program Chair for advisement.

	CREDIT HOURS
<b>SEMESTER I</b>	
EITP 1370 Introduction to Deafness.....	3
EITP 1470 American Sign Language I.....	4
EITP 1170 Receptive Fingerspelling .....	1
ENGL 1301 Composition I.....	3
SPCH 1311 Introduction to Speech Communication.....	3
PSYC 2301 Introduction to Psychology .....	3
	17
<b>SEMESTER II</b>	
EITP 1371 Psychosocial Aspects of Deafness ....	3
EITP 1372 Introduction to Interpreting .....	3
EITP 1373 Mime for Interpreters.....	3
EITP 1471 American Sign Language II .....	4
SPCH 1342 Voice and Articulation .....	3
	16
<b>SEMESTER III</b>	
EITP 2470 American Sign Language III .....	4
EITP 2373 Interpreting: Sign to Voice .....	3
EITP 2374 Interpreting: Voice to Sign .....	3
BIOL 1408 Biological Science OR	
BIOL 1406 General Biology .....	4
+Elective Humanities/Fine Arts .....	3
	17

## SEMESTER IV

EITP 2376 Transliterating: Sign to Voice.....	3
EITP 2377 Transliterating: Voice to Sign.....	3
EITP 2375 Practicum .....	3
MATH 1414 College Algebra OR .....	4
MATH 1314 College Algebra OR	
MATH 1332 College Mathematics .....	(3)
	12-13

Minimum Hours Required .....62

+Electives—must be selected from the following:

ARTS	1301	Art Appreciation .....	3
DRAM	1310	Introduction to the Theatre .....	3
HUMA	1301	Introduction to the Humanities .....	3
MUSI	1306	Music Appreciation .....	3
PHIL	1301	Introduction to Philosophy.....	3

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## MANAGEMENT

*Offered at all seven campuses*

(Associate Degree)

Degree Plan Number X43669

The Management degree is accepted for transfer by many of the area universities and colleges. The degree is designed for working students. Students can earn a business related degree in the shortest amount of on-campus time. This degree provides the foundation courses needed for a bachelor degree in the various business disciplines offered by many universities.

Students learn practical management skills which have immediate applicability in the business world. They also learn theoretical concepts which support these skills. These skills enhance their visibility on the job as professional managers.

A significant and unique benefit of the Management degree is experienced by participating in the Management cooperative work experience classes. These classes allow students to earn 12 of the total required credit hours by applying practical management concepts to their present jobs. During this educational process faculty provide continuous, individualized career and academic guidance to students. Students attend core courses once a week.

The Management degree effectively bridges the gap between management theory and management practice. It is designed to be a benefit to the new manager, the seasoned manager and the aspiring manager.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

**NOTE:** Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

## MANAGEMENT

*Offered at all seven campuses*

(Certificate)

**(Students pursuing this certificate program are waived from TASP requirements.)**

Degree Plan Number X53469

The Management program is designed to develop the fundamental skills, knowledge, attitudes and experiences which enable men and women to function in leadership and decision-making positions as managers. Students combine management classes and on-the-job management training with their present employers. All of the courses for this certificate are applicable to the Management associate degree option.

*This curriculum pattern/degree plan will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/dp.htm] or from an academic advisor beginning June 1, 1999.*

# OFFICE TECHNOLOGY -- ADMINISTRATIVE ASSISTANT

*Offered at all seven campuses*

(Associate Degree, Tech Prep Enhanced Skills Certificate)

Degree Plan Number X42079

The primary objective of the Administrative Assistant program is to prepare students for positions as assistants to administrators within public or private firms and agencies. Emphasis in this program is on the development of organizational and decision-making skills in addition to basic office skills.

	CREDIT HOURS
<b>SEMESTER I</b>	
OFCT 1372 Office Calculating Machines .....	3
OFCT 1375 Beginning Keyboarding <sup>1</sup> OR	
OFCT 1376 Intermediate Keyboarding .....	3
OFCT 1377 Office Systems and Applications .....	3
ENGL 1301 Composition I .....	3
SPCH 1311 Introduction to Speech	
Communication .....	3
	15
<b>SEMESTER II</b>	
OFCT 1373 Office Procedures <sup>2</sup> .....	3
OFCT 1376 Intermediate Keyboarding <sup>1</sup> OR	
OFCT 1379 Word Processing I .....	3
OFCT 1379 Word Processing I OR	
OFCT 1380 Business Software Applications I .....	3
MATH 1371 Business Math .....	3
Elective Natural Science <sup>3</sup> .....	3
	15
<b>SEMESTER III</b>	
OFCT 1371 Automated Filing .....	3
OFCT 1378 Text Processing Transcription <sup>4</sup> .....	3
OFCT 2370 Business Communications .....	3
OFCT 2372 Word Processing II OR	
OFCT 2373 Business Software Applications II .....	3
++Elective Social/Behavioral Science .....	3
Elective <sup>5</sup> .....	3
	18
<b>SEMESTER IV</b>	
OFCT 1380 Business Software Applications I OR	
OFCT 2373 Business Software Applications II OR	
OFCT 2374 Business Software Applications III .....	3
OFCT 7371 Cooperative Work Experience OR .....	3
OFCT 7471 Cooperative Work Experience .....	(4)
ACCT 1371 Elementary Accounting OR	
ACCT 2301 Principles of Accounting I OR .....	3
ACCT 2401 Principles of Accounting I .....	(4)
+++Elective Humanities/Fine Arts .....	3
Elective Any Non-OFCT Course .....	3
	15-16
Minimum Hours Required .....	63

<sup>1</sup> Students may be placed in keyboarding courses based on proficiency level determined by previous training, experience and/or placement tests. If a student places out, any OFCT course may be taken to supplement the minimum hours required.

<sup>2</sup> For legal emphasis, OFCT 2371 (Legal Secretarial Procedures) may be substituted.

<sup>3</sup> One of the following Natural Science courses may be taken:

BIOL	1406	General Biology .....	4
ECOL	1305	People and Their Environment .....	3
GEOL	1403	Physical Geology .....	4
PHYS	1311	Descriptive Astronomy .....	3
PHYS	1401	Introductory General Physics .....	4
PHYS	1415	Physical Science .....	4

<sup>4</sup> For legal emphasis, OFCT 1374 (Legal Terminology and Transcription) may be substituted.

<sup>5</sup> Electives--must be taken from the following:

OFCT	1170	Contemporary Topics in Office Technology .....	1
OFCT	1171	Keyboarding .....	1
OFCT	1172	Introduction to Word Processing .....	1
OFCT	1173	Keyboarding and Speed for Accuracy .....	1
OFCT	1175	Office Machines I .....	1
OFCT	1270	Contemporary Topics in Office Technology .....	2
OFCT	1370	Contemporary Topics in Office Technology .....	3
OFCT	2170	Word Processing Applications .....	1
OFCT	2171	Specialized Software I .....	1
OFCT	2172	Specialized Software II .....	1
OFCT	2270	Advanced Keyboarding Applications .....	2
OFCT	2373	Business Software Applications II .....	3
OFCT	2374	Business Software Applications III .....	3
OFCT	7372	Cooperative Work Experience .....	3
OFCT	7472	Cooperative Work Experience .....	4
OFCT	8381	Cooperative Work Experience .....	3
OFCT	8481	Cooperative Work Experience .....	4

++Elective -- may be taken from any Government, Human Development, History or Psychology course.

+++Elective -- may be taken from any Art, Humanities, Music or Philosophy course.

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

(continued on next page)

# TECH PREP ENHANCED SKILLS CERTIFICATE

This Enhanced Skills Certificate is attached to the Office Technology Associate Degree and provides the student advanced skills required by the industry to specialize in Medical Administrative Assistant.

## MEDICAL ADMINISTRATIVE ASSISTANT

*Offered at all seven campuses*

(Students pursuing this certificate program are required to meet all TASP requirements.)

Degree Plan Number X37559

		CREDIT HOURS
<b>SEMESTER I</b>		
OFCT 2375	Medical Office Procedures .....	3
OFCT 2376	Medical Transcription .....	3
HIMT 2470	Medical Terminology .....	4
HIMT 2370	Medical Records .....	3
		13

Minimum Hours Required ..... 13

This is a Tech Prep program. Students interested in pursuing the Tech Prep Enhanced Skills certificate need to consult with their advisor.

# OFFICE TECHNOLOGY -- CERTIFIED PROFESSIONAL SECRETARY ARTICULATION

*Offered at all seven campuses*

Credit toward an associate degree in Office Technology will be granted upon successful completion of all parts of the Certified Professional Secretary (CPS) Exam. In order to receive credit, the registrar at the college must receive notification from the Institute for Certifying Secretaries that the applicant has passed all sections of the exam. The student must complete 12 credit hours (excluding developmental courses) within the District of which at least two courses must be completed in the area of Office Technology. The student must complete the courses with a grade of "C" or higher.

Select five of the following courses for which credit may be granted:

OFCT 1377	Office Systems and Applications .....	3
OFCT 1378	Text Processing Transcription .....	3
OFCT 1379	Word Processing I .....	3
OFCT 1380	Business Software Applications I .....	3
OFCT 1373	Office Procedures .....	3
OFCT 1376	Intermediate Keyboarding .....	3
OFCT 2370	Business Communications .....	3

# OFFICE TECHNOLOGY -- GENERAL OFFICE CLERK

*Offered at all seven campuses*

(Certificate)

**(Students pursuing this certificate program are waived from TASP requirements.)**

Degree Plan Number X52099

This certificate with a clerical emphasis is designed to provide the student with a basic working knowledge of office procedures.

	CREDIT HOURS
<b>SEMESTER I</b>	
OFCT 1372 Office Calculating Machines .....	3
OFCT 1375 Beginning Keyboarding <sup>1</sup> OR	
OFCT 1376 Intermediate Keyboarding <sup>1</sup> .....	3
OFCT 1377 Office Systems and Applications .....	3
ENGL 1301 Composition I .....	3
MATH 1371 Business Mathematics <sup>2</sup> OR	
SPCH 1311 Introduction to Speech.....	3
	<u>15</u>
<b>SEMESTER II</b>	
OFCT 1373 Office Procedures .....	3
OFCT 1376 Intermediate Keyboarding OR	
OFCT 1379 Word Processing I <sup>1</sup> .....	3
OFCT 1378 Text Processing Transcription .....	3
OFCT 1379 Word Processing I OR	
OFCT 1380 Business Software Applications I ....	3
	<u>12</u>
<b>SEMESTER III</b>	
OFCT 1371 Automated Filing Procedures .....	3
OFCT 1380 Business Software Applications I OR	
OFCT 2373 Business Software Applications II ...	3
OFCT 2370 Business Communications.....	3
ACCT 1371 Elementary Accounting OR	
ACCT 2301 Principles of Accounting I OR .....	3
ACCT 2401 Principles of Accounting I .....	(4)
	<u>12</u>

Minimum Hours Required .....39

<sup>1</sup> Students may be placed in keyboarding courses based on proficiency level determined by previous training, experience and/or placement tests. If students place out, any OFCT course may be taken to supplement the minimum hours required.

<sup>2</sup> Students selecting Business Mathematics (MATH 1371) must also select one of the following Natural Science courses:

BIOL	1406	General Biology .....	4
ECOL	1305	People and Their Environment.....	3
GEOL	1403	Physical Geology .....	4
PHYS	1311	Descriptive Astronomy .....	3
PHYS	1401	Introductory General Physics.....	4
PHYS	1415	Physical Science .....	4

## OFFICE TECHNOLOGY -- RECEPTIONIST

*Offered at all seven campuses*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53549

This program provides skills necessary to meet the public, make appointments, handle the telephone, keyboard documents, and perform data entry functions.

	CREDIT HOURS
<b>SEMESTER I</b>	
OFCT 1372 Office Calculating Machines .....	3
OFCT 1376 Intermediate Keyboarding <sup>1</sup> OR	
OFCT 1379 Word Processing I .....	3
OFCT 1379 Word Processing I OR	
OFCT 1380 Business Software Applications I .....	3
ENGL 1301 Composition I .....	3
	<u>12</u>

<b>SEMESTER II</b>	
OFCT 1373 Office Procedures .....	3
OFCT 1380 Business Software Applications I OR	
OFCT 2372 Word Processing II OR	
OFCT 2373 Business Software Applications II .....	3
SPCH 1311 Introduction to Speech	
Communication .....	3
	<u>9</u>

Minimum Hours Required ..... 21

<sup>1</sup> Prerequisite: OFCT 1375 or demonstrated competency.

## OFFICE TECHNOLOGY -- WORD PROCESSING TYPIST

*Offered at all seven campuses*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number X53559

This certificate provides word processing skills necessary to produce documents from rough draft copy and voice recordings.

	CREDIT HOURS
<b>SEMESTER I</b>	
OFCT 1376 Intermediate Keyboarding <sup>1</sup> OR	
OFCT 1379 Word Processing I .....	3
OFCT 1377 Office Systems and Applications .....	3
OFCT 1379 Word Processing I OR	
OFCT 1380 Business Software Applications I .....	3
ENGL 1301 Composition I .....	3
	<u>12</u>

<b>SEMESTER II</b>	
OFCT 1378 Text Processing Transcription .....	3
OFCT 1380 Business Software Applications I OR	
OFCT 2372 Word Processing II OR	
OFCT 2373 Business Software Applications II ...	3
OFCT 2370 Business Communications .....	3
SPCH 1311 Introduction to Speech	
Communication .....	3
	<u>12</u>

Minimum Hours Required ..... 24

<sup>1</sup> Prerequisite: OFCT 1375 or demonstrated competency.

# SOCIAL WORK ASSOCIATE -- GENERALIST

*Eastfield only*

(Associate Degree)

Degree Plan Number 442139

The Social Work Associate Program is designed to prepare individuals interested in working with people to obtain entry-level employment in public and private social service agencies. The social service worker is equipped with skills, knowledge, values, and sensitivity to effectively serve human needs in a variety of community settings. Students have the options to select courses that will prepare them to work in general social services or specialized social services for chemical abuse or the aging.

	CREDIT HOURS
<b>SEMESTER I</b>	
SWAT 1370 Orientation to Social Services .....	3
SWAT 1371 Basic Interviewing and Counseling Skills .....	3
SWAT 1372 Abnormal Behavior .....	3
ENGL 1301 Composition I OR COMM 1370 Applied Communications .....	3
PSYC 2301 Introduction to Psychology .....	3
	15
<b>SEMESTER II</b>	
SWAT 2370 Introduction to Social Work .....	3
+Elective Social Work .....	3
SPCH 1311 Introduction to Speech Communication .....	3
SOCI 1301 Introduction to Sociology .....	3
Elective SWAT/SCAT Elective .....	3-4
	15-16
<b>SEMESTER III</b>	
SWAT 2375 Social Work Methods and Procedures .....	3
SWAT 2377 Group Work Intervention .....	3
SWAT 7371 Cooperative Work Experience OR .....	3
SWAT 7471 Cooperative Work Experience .....	(4)
+Elective Social Work .....	3
MATH 1414 College Algebra OR .....	4
MATH 1314 College Algebra OR MATH 1332 College Mathematics OR MATH 1342 Introductory Statistics .....	(3)
	15-16

## SEMESTER IV

SWAT 2378 Human Behavior and Social Environment .....	3
SWAT 7372 Cooperative Work Experience OR .....	3
SCAT 7472 Cooperative Work Experience .....	(4)
+Elective Social Work .....	3
CISC 1470 Introduction to Computer Concepts and Applications .....	4
SPAN 1411 Beginning Spanish* OR ++Elective Humanities/Fine Arts .....	3-4
	16-18

Minimum Hours Required .....61

+Social Work Electives--must be selected from the following:

SCAT 1370 Physiology of Addiction .....	3
SCAT 1371 Alcoholism Counseling .....	3
SCAT 2370 Alcoholism Treatment Models .....	3
SCAT 2371 Prevention of Substance Abuse .....	3
SCAT 2372 Family Intervention in Substance Abuse and Dependency .....	3
SCAT 2373 Issues in Substance Abuse and Dependency .....	3
SWAT 1373 Aging in America .....	3
SWAT 1374 Adolescent Life Cycle .....	3
SWAT 2371 Social Policies and Programs for the Aging .....	3
SWAT 2372 Life Cycle of the Aged .....	3
SWAT 2373 Health Status of the Aged .....	3
SWAT 2374 Special Problems of Youth .....	3
SWAT 2470 Nursing Home Activity Director Training .....	4
SWAT 2471 Advanced Nursing Home Activity Director Training .....	4

++Approved Humanities Elective--must be selected from the following:

HUMA 1301 Introduction to the Humanities .....	3
PHIL 1301 Introduction to Philosophy .....	3
PHIL 1370 Critical Thinking .....	3
PHIL 2303 Logic .....	3
PHIL 2307 Introduction to Social and Political Philosophy .....	3
PHIL 2306 Ethics .....	3

\*American Sign Language may not be substituted for this course.

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# SOCIAL WORK -- HUMAN SERVICES

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 452509

This certificate is designed to assist associate degree majors in Child Development and Interpreter Training to obtain cross training in the delivery of human services to clients. Students will choose a concentration in either Child Development or Interpreter Training along with Social Work courses. The certificate will provide majors in these programs to enhance their skills in meeting the social service needs for these populations.

	CREDIT HOURS
<b>SEMESTER I</b>	
SWAT 1370	Orientation to Social Services .....3
SWAT 1371	Basic Interviewing and Counseling Skills.....3
SWAT 1372	Abnormal Behavior .....3
CDEC 1454	Child Growth and Development OR
EITP 1370	Introduction to Deafness .....3
CDEC 1318	Nutrition, Health and Safety .....3
EITP 1470	American Sign Language I ..... (4)
ENGL 1301	Composition I .....3
	18-20

<b>SEMESTER II</b>	
SWAT 2378	Human Behavior and Social Environment .....3
SWAT 7371	Cooperative Work Experience .....3
CDEC 1303	Family and the Community
EITP 1371	Psychosocial Aspects of Deafness ..3
CDEC 1319	Child Guidance
CDEC 2375	Abuse Within the Family OR .....3
EITP 1471	American Sign Language II ..... (4)
SPCH 1311	Introduction to Speech Communication .....3
	18-19

Minimum Hours Required ..... 36-39



# SUBSTANCE ABUSE COUNSELING

*Eastfield only*

(Associate Degree)

Degree Plan Number 443129

The Substance Abuse Counseling Program is designed to prepare qualified and competent graduates to enter the field of human services and to provide specialized services to individuals and their families who are experiencing the affects of substance abuse. Completers of the program will have the necessary educational requirements to become eligible for testing and licensure as a Licensed Chemical Dependency Counselor (LCDC) and certification as an Alcohol and Drug Counselor (ADC). Students will gain required work experience as Counselor Interns (CI) upon completion of the required hours of classroom instruction. A special section of cooperative work experience will provide a structured supervised practicum in off-campus approved laboratory training sites.

	CREDIT HOURS
<b>SEMESTER I</b>	
SWAT 1370 Orientation to Social Services .....	3
SWAT 1371 Basic Interviewing and Counseling Skills .....	3
SCAT 1370 Physiology of Addiction .....	3
ENGL 1301 Composition I .....	3
MATH 1414 College Algebra OR .....	4
MATH 1314 College Algebra OR	
MATH 1332 College Mathematics OR	
MATH 1371 Business Mathematics OR	
MATH 1342 Introductory Statistics .....	(3)
	15-16
<b>SEMESTER II</b>	
SCAT 1371 Alcoholism Counseling .....	3
SWAT 2375 Social Work Methods and Procedures .....	3
PSYC 2301 Introduction to Psychology .....	3
SPCH 1311 Introduction to Speech Communication .....	3
SOCI 1301 Introduction to Sociology .....	3
	15
<b>SEMESTER III</b>	
SCAT 2371 Prevention of Substance Abuse OR	
SWAT 1374 Adolescent Life Cycle .....	3
SCAT 2372 Family Intervention in Substance Abuse and Dependency OR	
SWAT 2374 Special Problems of Youth .....	3
SWAT 2377 Group Work Intervention .....	3
SWAT 7371 Cooperative Work Experience OR	
SWAT 7471 Cooperative Work Experience.....	3-4
Elective Any non-SCAT or non-SWAT Course .....	3-4
	15-17

## SEMESTER IV

SCAT 2370 Alcoholism Treatment Models OR	
+Elective .....	3
SCAT 2373 Issues in Substance Abuse and Dependency OR	
++Elective .....	3
SCAT 7472 Cooperative Work Experience .....	4
CISC 1470 Introduction to Computer Concepts and Applications .....	4
SPAN 1411 Beginning Spanish* OR	
+++Elective Humanities/Fine Arts .....	3-4
	17-18

Minimum Hours Required .....62

+Social Work Electives--must be selected from the following:

SWAT 1372 Abnormal Behavior .....	3
SWAT 1373 Aging in America .....	3
SWAT 2370 Introduction to Social Work .....	3
SWAT 2372 Life Cycle of the Aged.....	3
SWAT 2376 Special Topics in Social Services .....	3
SWAT 2378 Human Behavior and Social Environment .....	3

++Electives--must be selected from the following:

ECCD 1370 Early Childhood Development, 5-12 .....	3
ECCD 2375 Abuse Within the Family .....	3
PSYC 2306 Human Sexuality .....	3
PSYC 2314 Developmental Psychology .....	3
PSYC 2316 Psychology of Personality .....	3
SOCI 2306 Human Sexuality .....	3
SOCI 2301 Marriage and Family .....	3
SOCI 2319 Race, Ethnicity and Community .....	3
SOCI 2320 Field Studies in American Minorities .....	3

+++Approved Humanities Elective--must be selected from the following:

HUMA 1301 Introduction to the Humanities .....	3
PHIL 1301 Introduction to Philosophy .....	3
PHIL 1370 Critical Thinking .....	3
PHIL 2303 Logic .....	3
PHIL 2307 Introduction to Social and Political Philosophy .....	3
PHIL 2306 Ethics .....	3

\*American Sign Language may not be substituted for this course.

NOTE: Students enrolling in this program who plan to transfer to a four-year institution should consult an advisor or counselor regarding transfer requirements and the transferability of these courses to the four-year institution of their choice.

# SUBSTANCE ABUSE COUNSELING

*Eastfield only*

(Certificate)

(Students pursuing this certificate program are waived from TASP requirements.)

Degree Plan Number 453139

The Substance Abuse Counseling certificate is designed to provide cross-training for helping professionals in other disciplines, i.e. bachelor and master level social workers, counselors, psychologists, nurses, criminal justices, etc. It is also trains students for employment as therapy technicians with the Counselor Intern certification. After completing two years' work experience in an organization that serves the substance dependent individual, students may qualify for testing as a Licensed Chemical Dependency Counselor (LCDC) and certified as an Alcohol and Drug Counselor (ADC).

	CREDIT HOURS
<b>SEMESTER I</b>	
SWAT 1370 Orientation to Social Services .....	3
SWAT 1371 Basic Interviewing and Counseling Skills .....	3
SCAT 1370 Physiology of Addiction .....	3
SCAT 2370 Alcoholism Treatment Models .....	3
SCAT 2371 Prevention of Substance Abuse .....	3
ENGL 1301 Composition I .....	3
	18
<b>SEMESTER II</b>	
SCAT 1371 Alcoholism Counseling .....	3
SCAT 2372 Family Intervention in Substance Abuse and Dependency OR	
SPCH 1311 Introduction to Speech Communication .....	3
SCAT 2373 Issues in Substance Abuse and Dependency OR .....	3
SCAT 7472 Cooperative Work Experience.....	(4)
SWAT 2375 Social Work Methods and Procedures .....	3
SWAT 2377 Group Work Intervention .....	3
	15-16
Minimum Hours Required .....	33

# ACCOUNTING

*ACCT 2301 is a 3 credit hour lecture course. ACCT 2401 is a 4 credit hour lecture and laboratory course. Either course will meet degree requirements.*

## **ACCT 2301 Principles Of Accounting I (3)**

(This is a common course number. Former course prefix/number ACC 201)

Suggested Prerequisite: None. This course covers the theory and practice of measuring and interpreting financial data for business units. Basic concepts, principles, and procedures are applied to the following topics: operating cycle, accruals and deferrals, financial statements, internal controls, receivables, inventory, fixed assets, and liabilities. (3 Lec.)

*ACCT 2302 is a 3 credit hour lecture course. ACCT 2402 is a 4 credit hour lecture and laboratory course. Either course will meet degree requirements.*

## **ACCT 2302 Principles Of Accounting II (3)**

(This is a common course number. Former course prefix/number ACC 202)

Suggested Prerequisite: Accounting 2301 or Accounting 2401. This course is a continuation of Accounting 2301 or Accounting 2401. This course covers the theory and practice of measuring and interpreting financial data for business units, with emphasis on corporations and managerial applications. Basic concepts, principles, and procedures are applied to the following topics: preparation and analysis of financial statements, budgeting, cash flow, cost systems, responsibility accounting, and cost-volume-profit analysis. (3 Lec.)

*ACCT 2401 is a 4 credit hour lecture and laboratory course. ACCT 2301 is a 3 credit hour lecture course. Either course will meet degree requirements.*

## **ACCT 2401 Principles Of Accounting I (4)**

(This is a common course number. Former course prefix/number ACC 208)

Suggested Prerequisite: None. This course covers the theory and practice of measuring and interpreting financial data for business units. Basic concepts, principles, and procedures are applied to the following topics: operating cycle, accruals and deferrals, financial statements, internal controls, receivables, inventory, fixed assets, and liabilities. Laboratory fee. (3 Lec., 2 Lab.)

*ACCT 2402 is a 4 credit hour lecture and laboratory course. ACCT 2302 is a 3 credit hour lecture course. Either course will meet degree requirements.*

## **ACCT 2402 Principles Of Accounting II (4)**

(This is a common course number. Former course prefix/number ACC 209)

Suggested Prerequisite: Accounting 2301 or Accounting 2401. This course is a continuation of Accounting 2301 or Accounting 2401. This course covers the theory and practice of measuring and interpreting financial data for business units, with emphasis on corporations and managerial applications. Basic concepts, principles, and procedures are applied to the following topics: preparation and analysis of financial statements, budgeting, cash flow, cost systems, responsibility accounting, and cost-volume-profit analysis. Laboratory fee. (3 Lec., 2 Lab.)

*A number of other course descriptions in Accounting will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## **AIR CONDITIONING AND REFRIGERATION**

(See Heating, Ventilation and Air Conditioning)

## **ANTHROPOLOGY**

### **ANTH 1370 American Indian Culture (3)**

(Former course prefix/number ANT 104)

Native Americans are studied from three perspectives: Native American history and prehistory; traditional Indian cultures; and native Americans today. The latter theme stresses current topics such as discrimination, poverty, employment, reservations, The Bureau of Indian Affairs, self-determination, health care, etc. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015342)

### **ANTH 2302 Introduction To Archeology (3)**

(This is a common course number. Former course prefix/number ANT 231)

This course is an anthropological approach to archeology. Topics include an introduction to the study of humanity's past. How archeologist retrieve, process, analyze and interpret surviving prehistoric materials is covered, as well as a survey of world prehistory through Neolithic times. (3 Lec.)

(Coordinating Board Academic Approval Number 4503015142)

### **ANTH 2346 Introduction To Anthropology (3)**

(This is a common course number. Former course prefix/number ANT 100)

This course surveys the origin of mankind involving the processes of physical and cultural evolution, ancient man, and preliterate man. Attention is centered on fossil evidence, physiology and family/group roles and status. (3 Lec.)

(Coordinating Board Academic Approval Number 4502015142)

### **ANTH 2351 Cultural Anthropology (3)**

(This is a common course number. Former course prefix/number ANT 101)

This course introduces students to the elements and processes that create culture, society and social interaction. Language, cross-cultural communication, fieldwork, and analysis of multi-cultural societies are covered. A special emphasis is given to cross-cultural comparison and analysis of basic social institutions on a global scale in order to provide students with an appreciation and understanding of the underlying unity of diverse cultural expressions. (3 Lec.)

(Coordinating Board Academic Approval Number 4502015342)

### **ANTH 2380 The Heritage Of Mexico (3)**

(Former course prefix/number ANT 110)

This course (cross-listed as History 2380) is taught in two parts each semester. The first part of the course deals with the archeology of Mexico beginning with the first humans to enter the North American continent and culminating with the arrival of the Spanish in 1519 A.D. Emphasis is on archaic cultures, the Maya, the Toltec, and Aztec empires. The second part of the course deals with Mexican history and modern relations between the United States and Mexico. The student may register for either History 2380 or Anthropology 1371 but may receive credit for only one of the two. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015342)

## **ART**

### **ARTS 1170 Problems In Contemporary Art (1)**

(Former course prefix/number ART 199)

Area artists, critics, and art educators speak with students about the work exhibited in the gallery and discuss current art styles and movements. They also discuss specific aspects of being artists in contemporary society. This course may be repeated for credit. (1 Lec.)

(Coordinating Board Academic Approval Number 5007035330)

### **ARTS 1301 Art Appreciation (3)**

(This is a common course number. Former course prefix/number ART 104)

Films, lectures, slides, and discussions focus on the theoretical, cultural, and historical aspects of the visual arts. Emphasis is on the development of visual and aesthetic awareness. (3 Lec.)

(Coordinating Board Academic Approval Number 5007035130)

### **ARTS 1303 Survey Of Art History (3)**

(This is a common course number. Former course prefix/number ART 105)

This course covers the history of western art from prehistoric time through the Gothic period. It explores the cultural, geophysical, and personal influences on art styles. (3 Lec.)

(Coordinating Board Academic Approval Number 5007035230)

### **ARTS 1304 Survey Of Art History (3)**

(This is a common course number. Former course prefix/number ART 106)

This course covers the history of art from the Renaissance through the present. It explores the cultural, geophysical, and personal influences on art styles. (3 Lec.)

(Coordinating Board Academic Approval Number 5007035230)

**ARTS 1311 2D Design (3)**

(This is a common course number. Former course prefix/number ART 110)

Basic concepts of design with two-dimensional materials are explored. The use of line, color, illusion of space or mass; texture, value, shape, and size in composition is considered. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5004015330)

**ARTS 1312 3D Design (3)**

(This is a common course number. Former course prefix/number ART 111)

Basic concepts of design with three-dimensional materials are explored. The use of mass, space, movement, and texture, line, plane, volume, color, and scale is considered. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5004015330)

**ARTS 1316 Drawing I (3)**

(This is a common course number. Former course prefix/number ART 114)

This beginning course investigates various media, techniques, and subjects. It explores perceptual and descriptive possibilities and considers drawing as a developmental process as well as an end in itself. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5007055230)

**ARTS 1317 Drawing II (3)**

(This is a common course number. Former course prefix/number ARTS 115)

Prerequisite: Arts 1316. This course is an expansion of Arts 1316. It stresses the expressive and conceptual aspects of drawing, including advanced composition arrangements, a range of wet and dry media, and the development of an individual approach to theme and content. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5007055230)

**ARTS 2311 Design III (3)**

(This is a common course number. Former course prefix/number ART 227)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. This course is a development of two- and three-dimensional projects in a variety of materials. Emphasis is on individual expression. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5004015330)

**ARTS 2312 Design IV (3)**

(Former course prefix/number ART 229)

Prerequisite: Arts 2311. This course is a continued investigation into the problems of two- and three-dimensional concepts. Emphasis is on individual expression. Laboratory fee. (2 Lec., 4 Lab.)

**ARTS 2313 Computer Graphics Design I (3)**

(This is a common course number. Former course prefix/number ART 223.)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. Introduction to the computer as an art tool with emphasis on design principles and visual communication or ideas. Course will include exposure to basic computer graphic technology including computer illustration and electronic imaging techniques. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5004015130)

**ARTS 2314 Computer Graphics Design II (3)**

(This is a common course number. Former course prefix/number ART 224.)

Prerequisites: Arts 2313. This course is a continuation of Computer Graphics Design I. Students will further explore advanced design problems through continued experimentation with computer graphics techniques. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5004015130)

**ARTS 2316 Painting I (3)**

(This is a common course number. Former course prefix/number ART 205)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. This studio course stresses fundamental concepts of painting with acrylics and oils. Emphasis is on painting from still life, models, and the imagination. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5007085230)

**ARTS 2317 Painting II (3)**

(This is a common course number. Former course prefix/number ART 208)

Prerequisite: Arts 2316. This course continues Arts 2316. Emphasis is on individual expression. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5007085230)

**ARTS 2323 Drawing III (3)**

(This is a common course number. Former course prefix/number ART 201)

Prerequisites: Arts 1317, Arts 1311, Arts 1312 and Arts 1316 are recommended for Art Majors. This course covers the analytic and expressive drawing of the human figure. Movement and volume are stressed. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5007055330)

**ARTS 2324 Drawing IV (3)**

(This is a common course number. Former course prefix/number ART 202)

Prerequisites: Arts 2323, sophomore standing, or demonstrated competence approved by the instructor. This course continues Arts 2323. Emphasis is on individual expression. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5007055330)

**ARTS 2326 Sculpture I (3)**

(This is a common course number. Former course prefix/number ART 208)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. Various sculptural approaches are explored. Different media and techniques are used. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007095130)

**ARTS 2327 Sculpture II (3)**

(This is a common course number. Former course prefix/number ART 209)

Prerequisite: Arts 2326. This course continues Arts 2326. Emphasis is on individual expression. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007095130)

**ARTS 2333 Printmaking I (3)**

(This is a common course number. Former course prefix/number ART 220)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. Basic printmaking processes are introduced. Included are planographic, intaglio, stencil and relief processes. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007105130)

**ARTS 2334 Printmaking II (3)**

(This is a common course number. Former course prefix/number ART 222)

Prerequisite: Arts 2333. This course is a continuation of Printmaking I. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007105130)

**ARTS 2341 Jewelry Design And Construction (3)**

(This is a common course number. Former course prefix/number ART 116)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. This course explores the uses of metal in design, basic fabrication techniques in metal, bezel setting of stones, and simple casting. Emphasis is on original design. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007135130)

**ARTS 2342 Advanced Jewelry Design And Construction (3)**

(This is a common course number. Former course prefix/number ART 117)

Prerequisite: Arts 2341. This course continues Arts 2341. Advanced fabrication, lost wax casting, setting of faceted stones, and forging and shaping of metal, including repousse and chasing are presented. Emphasis is on original design. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007135130)

**ARTS 2346 Ceramics I (3)**

(This is a common course number. Former course prefix/number ART 215)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. This course focuses on the building of pottery forms by coil, slab, and use of the wheel. Glazing and firing are also included. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007115130)

**ARTS 2347 Ceramics II (3)**

(This is a common course number. Former course prefix/number ART 216)

Prerequisite: Arts 2346 or demonstrated competence approved by the instructor. Glaze technology is studied. Advanced problems in the creation of artistic and practical ceramic ware. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007115130)

**ARTS 2356 Photography I (3)**

(Former course prefix/number ART 118)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. Creative use of the camera is studied. Photosensitive materials are examined as a means of making expressive graphic images. Emphasis is on black and white processing and printing techniques. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5006055130)

**ARTS 2357 Photography II (3)**

(Former course prefix/number ART 119)

Prerequisite: Arts 2356. This course is a continuation of Arts 1370. Emphasis is on individual expression. Laboratory fee. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5006055230)

**ARTS 2366 Watercolor I (3)**

(This is a common course number. Former course prefix/number ART 217)

Prerequisites: Arts 1311, Arts 1312, Arts 1316, and Arts 1317 are recommended for Art Majors. This course explores studio techniques in water base media. Emphasis is placed on exploration of a variety of modes and techniques as a means to original expression. This course may be repeated for credit. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007085330)

**ARTS 2367 Watercolor II (3)**

(This is a common course number. Former course prefix/number ART 218)

Prerequisite: Arts 2366. This course continues the development of skills in water base media. (2 Lec., 4 Lab.)  
(Coordinating Board Academic Approval Number 5007085330)

### **ARTS 2370 Art History (3)**

(Former course prefix/number ART 203)

Prerequisites: Arts 1303 and Arts 1304 are recommended for Art Majors. The development of the art of western culture during the Renaissance Period is presented. Emphasis is on the development of Renaissance art in Northern and Southern Europe. (3 Lec.)

(Coordinating Board Academic Approval Number 5007035230)

### **ARTS 2371 Art History (3)**

(Former course prefix/number ART 204)

Prerequisites: Arts 1303 and Arts 1304 are recommended for Art Majors. The development of the art of western culture from the late 19th century through today is presented. Emphasis is on the development of modern art in Europe and America. (3 Lec.)

(Coordinating Board Academic Approval Number 5007035230)

## **ASTRONOMY**

(See Physics)

## **AUTO BODY**

*All course descriptions in Auto Body Technology will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## **AUTOMOTIVE TECHNOLOGY**

*All course descriptions in Automotive Technology will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## **BIOLOGY**

### **BIOL 1406 General Biology (4)**

(This is a common course number. Former course prefix/number BIO 101)

This course is the first of a two semester sequence designed for students majoring or minoring in biology and related disciplines. Topics include but are not limited to the scientific method, general and biological chemistry, cell structure and function, cell reproduction, and molecular genetics. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2601015124)

### **BIOL 1407 General Biology (4)**

(This is a common course number. Former course prefix/number BIO 102)

Prerequisite: Biology 1406 General Biology. This course is a continuation of Biology 1406 and is intended for students majoring or minoring in biology and related disciplines. Topics include but are not limited to development, evolution, ecology, population genetics, and a review of the diversity of life. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2601015124)

### **BIOL 1408 Biological Science (4)**

(This is a common course number. Former course prefix/number BIO 115)

This course is designed for all majors except science. Selected topics in biological science are presented to students not majoring in the sciences to promote their understanding of biological concepts and to enable them to use these concepts in their daily lives. Topics include chemistry and biochemistry, the cell, respiration, photosynthesis, cell reproduction, genetics, and reproduction and development. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2601015124)

### **BIOL 1409 Biological Science (4)**

(This is a common course number. Former course prefix/number BIO 116)

This course is designed for all majors except science. Selected topics in biological science are presented to students not majoring in the sciences to promote their understanding of biological concepts and to enable them to use these concepts in their daily lives. Topics include plant and animal systems, diversity of life and population dynamics, taxonomy, evolution, and ecology. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2601015124)

### **BIOL 1411 Introductory Botany (4)**

(This is a common course number. Former course prefix/number BIO 110)

This course introduces plant form and function. Topics ranging from the cell through organs are included. Emphasis is on the vascular plants, including the taxonomy and life cycles of major plant divisions. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2603015124)

**BIOL 1470 Introduction To Human Anatomy And Physiology (4)**

(Former course prefix/number BIO 120)

Prerequisite: Prior enrollment in Biology 1408 is recommended for those with no previous high school biology. Major topics include cell structure and function, tissues, organization of the human body, and the following organ systems: skeletal, muscular, nervous, and endocrine. This course is a foundation course for specialization in Associate Degree Nursing and allied health disciplines. Other students interested in the study of structure and function of the human body should consult a counselor. Emphasis is on homeostasis. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2607065124)

**BIOL 1472 Introduction To Human Anatomy And Physiology (4)**

(Former course prefix/number BIO 121)

Prerequisite: Biology 1470. This course is a continuation of Biology 1470. Major topics include the following organ systems: digestive, circulatory, respiratory, urinary, and reproductive. Emphasis is on homeostasis. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2607065124)

**BIOL 2306 Environmental Biology (3)**

(This is a common course number. Former course prefix/number BIO 223)

The principles of aquatic and terrestrial communities are presented. Emphasis is on the relationship of these principles to the problems facing people in a modern technological society. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 0301025124)

**BIOL 2370 Field Biology (3)**

(Former course prefix/number BIO 218)

Local plant and animal life are surveyed in relationship to the environment. Aquatic and terrestrial communities are studied with reference to basic ecological principles and techniques. Emphasis is upon classification, identification, and collection of specimens in the field. This course may be repeated for credit. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number is to be assigned. This is a unique need course.)

**BIOL 2401 Anatomy And Physiology I (4)**

(This is a common course number. Former course prefix/number BIO 221)

Prerequisite: Biology 1407 or demonstrated competence approved by the instructor. This course examines cell structure and function, tissues, and the skeletal, muscular, and nervous systems. Emphasis is on structure, function, and the interrelationships of the human systems. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2607065124)

**BIOL 2402 Anatomy And Physiology II (4)**

(This is a common course number. Former course prefix/number BIO 222)

Prerequisite: Biology 2401 or demonstrated competence approved by the instructor. This is the second course of a two course sequence. Structure and function as related to the human circulatory, respiratory, urinary, digestive, reproductive, and endocrine systems are studied. Emphasis is placed on the interrelationships of these systems. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2607065124)

**BIOL 2418 Invertebrate Zoology (4)**

(This is a common course number. Former course prefix/number BIO 211)

Prerequisite: Eight hours of biological science. This course surveys the major groups of animals below the level of chordates. Consideration is given to phylogeny, taxonomy, morphology, physiology, and biology of the various groups. Relationships and importance to higher animals and humans are stressed. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number is to be assigned. This is a unique need course.)

**BIOL 2420 General Microbiology (4)**

(This is a common course number. Former course prefix/number BIO 216)

Prerequisite: Biology 1407 or Biology 1472 or demonstrated competence approved by the instructor. Topics include growth, reproduction, nutrition, genetics, and ecology of micro-organisms, as well as aspects of microbial disease, immunology and chemotherapy. Laboratory activities constitute a major part of the course. Laboratory fee. (3 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 2605015124)

**BIOL 2470 Intermediate Botany (4)**

(Former course prefix/number BIO 203)

Prerequisites: Biology 1406 and 1407. The major plant groups are surveyed. Emphasis is on morphology, physiology, classification, and life cycles. Evolutionary relationships of plants to each other and their economic importance to humans are also covered. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 2603015124)



## BUSINESS

### **BUSI 1301 Introduction To Business (3)**

(This is a common course number. Former course prefix/number BUS 105)

This course provides an introduction to business operations. Topics include: the business system, legal forms of business, organization and management, business functions (production, marketing, finance, risk management, information systems, accounting) and the environments affecting business (the economy, labor, government regulation, social responsibility, law, international business, and technology). (3 Lec.)  
(Coordinating Board Academic Approval Number 5201015125)

### **BUSI 1307 Personal Finance (3)**

(This is a common course number. Former course prefix/number BUS 143)

Personal financial issues are explored. Topics include financial planning, insurance, budgeting, credit use, home ownership, savings, investment, and tax problems. (3 Lec.)  
(Coordinating Board Academic Approval Number 1904015125)

### **BUSI 2301 Business Law (3)**

(This is a common course number. Former course prefix/number BUS 234)

This course presents the legal principles affecting business decisions. The law of contracts, agency, sales, negotiable instruments, and secured transactions are specifically covered. (3 Lec.)  
(Coordinating Board Academic Approval Number 2201015125)

## CHEMISTRY

### **CHEM 1207 Chemical Calculations (2)**

(This is a common course number. Former course prefix/number CHM 205)

Prerequisite: Chemistry 1412. Chemical calculations are reviewed. Emphasis is on stoichiometry and chemical equilibrium. (2 Lec.)  
(Coordinating Board Academic Approval Number 4005025239)

### **CHEM 1405 Introductory Chemistry I (4)**

(Former course prefix/number CHM 115)

Prerequisite: Developmental Mathematics 0091 or the equivalent. This course is for non-science majors. Fundamental concepts are presented in lecture and laboratory including the periodic table, atomic structure, chemical bonding, reactions, stoichiometry, states of matter, properties of metals, nonmetals and compounds, acid-base theory, oxidation-reduction, solutions and nuclear chemistry. Descriptive chemistry is emphasized. Laboratory fee. (3 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 4005015139)

### **CHEM 1407 Introductory Chemistry II (4)**

(Former course prefix/number CHM 116)

Prerequisite: Chemistry 1405 or demonstrated competence approved by the instructor. This course is for non-science majors. It surveys organic chemistry and biochemistry. The reactions, syntheses, nomenclature, uses, purposes and properties of the important classes of organic and biochemical compounds are studied. Laboratory fee. (3 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 4005015139)

### **CHEM 1411 General Chemistry I (4)**

(This is a common course number. Former course prefix/number CHM 101)

Prerequisites: Developmental Mathematics 0093 or equivalent and any one of the following: high school chemistry, Chemistry 1405, or the equivalent. This course is for science and science-related majors. Fundamental concepts of chemistry are presented including states and properties of matter, the periodic table, chemical reaction types and energy relationships, chemical bonding, atomic and molecular structure, stoichiometry, gas laws and solutions. Laboratory fee. (3 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 4005015239)

### **CHEM 1412 General Chemistry II (4)**

(This is a common course number. Former course prefix/number CHM 102)

Prerequisite: Chemistry 1411. This course is for science and science-related majors. It is a continuation of Chemistry 1411. Previously learned and new concepts are applied. Topics include reaction kinetics and chemical equilibrium, acids, bases, salts and buffers, thermodynamics, colligative properties of solutions, electrochemistry, transition-metal chemistry, nuclear chemistry, qualitative inorganic analysis and an introduction to organic chemistry. Laboratory fee. (3 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 4005015239)

### **CHEM 2401 Quantitative Analysis (4)**

(This is a common course number. Former course prefix/number CHM 203)

Prerequisite: Chemistry 1412, Mathematics 1314 or Mathematics 1414. A survey of methods used in analytical chemistry: gravimetric and volumetric methods based on equilibria, oxidation-reduction, and acid-base theory, spectrophotometry, chromatography and electroanalytical chemistry. (2 Lec., 6 Lab.)  
(Coordinating Board Academic Approval Number 4005025139)

**CHEM 2402 Instrumental Analysis (4)**

(This is a common course number. Former course prefix/number CHM 234)

Prerequisite: Chemistry 2401 or demonstrated competence approved by the instructor. The role of modern electronic instrumentation in analysis is explored. Topics include infrared and ultraviolet spectroscopy, gas chromatography, potentiometric titration, electrochemistry, continuous flow analysis, scintillation counting, electrophoresis, flame photometry, and atomic absorption spectrophotometry as analytical tools. Laboratory fee. (2 Lec., 6 Lab.)

(Coordinating Board Academic Approval Number 4005025139)

**CHEM 2423 Organic Chemistry I (4)**

(This is a common course number. Former course prefix/number CHM 201)

Prerequisite: Chemistry 1412. This course is for science and science-related majors. It introduces the fundamental classes of organic (carbon) compounds and studies aliphatic and aromatic hydrocarbons in detail. It includes occurrence, structure, stereo-chemistry, nomenclature, and reactions and mechanisms of synthesis. Lab includes: synthesis, purification by distillation, recrystallization, extraction and chromatography, and identification by spectroscopic, physical and chemical methods. Laboratory fee. (3 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 4005045239)

**CHEM 2425 Organic Chemistry II (4)**

(This is a common course number. Former course prefix/number CHM 202)

Prerequisite: Chemistry 2423. This course is for science and science-related majors. It is a continuation of Chemistry 2423. Topics studied include properties and syntheses of aliphatic and aromatic systems of aldehydes, ketones, carboxylic acids, esters, ethers, amines, alcohols and amides. Further topics include polyfunctional and heterocyclic compounds, amino acids, proteins, lipids and carbohydrates. Laboratory includes qualitative organic analysis. Laboratory fee. (3 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 4005045239)

**CHILD DEVELOPMENT**

(See Early Childhood/Child Development)

**COLLEGE LEARNING SKILLS**

(See Developmental College Learning Skills)

**COMPUTER AIDED DESIGN AND DRAFTING****DFTG 1224 Blueprint Reading and Sketching (2)**

(This is a WECM course number. Former course prefix/number DFT 101)

An introduction to reading and interpreting the "working drawings" for manufactured products and associated tooling. Use of sketching techniques to create pictorial and multiple-view drawings of manufactured parts. Laboratory fee. (1 Lec., 3 Lab.)

**DFTG 1225 Blueprint Reading and Sketching (2)**

(This is a WECM course number. Former course prefix/number DFT 102)

An introduction to reading and interpreting the "working drawings" for manufactured products and associated tooling. Use of sketching techniques to create pictorial and multiple-view drawings of manufactured parts. Laboratory fee. (1 Lec., 3 Lab.)

**DFTG 1271 CADD Operations (2)**

(This is a WECM course number. Former course prefix/number DFT 116)

A course in hardware selection, setup, and use of a CAD station. Emphasis is placed on control of the operating system, file management, and keyboarding. Topics address: software installation, hardware installation and configuration, such as mouse, tablet, printers, plotters, graphics adapters, and other configurable items such as communication ports, and serial ports. An introduction to work processing and spreadsheets is included. Laboratory fee. (1 Lec., 2 Lab.)

(Coordinating Board Approval Pending)

**DFTG 1309 Basic Computer-Aided Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 103)

An introduction to basic computer-aided drafting. Emphasis is placed on drawing setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating and scaling objects, adding text and dimensions, using layers coordinating systems; as well as input and output devices. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1313 Drafting for Specific Occupations (3)**

(This is a WECM course number. Former course prefix/number DFT 119)

Discussion of theory and practice with drafting methods and the terminology required for non-drafting-majors to prepare working drawings in their occupational fields. (3 Lec.)

**DFTG 1329 Electro-Mechanical Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 104)

A basic course including layout and design of electro-mechanical equipment from engineering notes and sketches. Emphasis on drawing of electronic equipment control panels, interior hardware, exterior enclosures, detailed and assembly drawings with a parts list, and flat pattern layouts. Laboratory fee. (2 Lec, 4 Lab.)

**DFTG 1333 Mechanical Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 105)

An intermediate course covering detail drawings with proper dimensioning and tolerances, use of sectioning techniques, common fasteners, isometrics and oblique drawings, including bill of materials. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1344 Pipe Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 106)

A study of pipe fittings, symbols, specifications and their applications to a piping process system. This application will be demonstrated through the creation of symbols and their usage in flow diagrams, plans, elevations, and isometrics. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1348 Topographical Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 107)

A course in map drafting. Emphasis is given to plotting of surveyors field notes, plotting elevations, contour drawings, plan and profiles, and laying out traverses. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1354 Architectural Drafting - Commercial (3)**

(This is a WECM course number. Former course prefix/number DFT 108)

Architectural drafting procedures, practices and symbols, including preparation of detailed working drawings for commercial structure with emphasis on light frame construction methods. Laboratory fee. (2 Lec., 4 lab.)

**DFTG 1358 Electrical/Electronics Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 109)

A study of the principles of layout of electrical and electronic drawings, stressing modern representation used for block diagrams, schematic diagrams, logic diagrams, wiring/assembly drawings, printed circuit board layouts, motor control diagrams, power distribution diagrams, and electrical one-line diagrams. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1372 Manufacturing Fundamentals (3)**

(This is a WECM course number. Former course prefix/number DFT 117)

A course in manufacturing fundamentals and production methods including NC-CNC concepts. Topics on interpreting and describing information required to produce a CNC program will be covered. An overview of the functions and role of CAD and its relationship to computer-aided manufacturing are studied. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Approval Pending)

**DFTG 1373 CAD/Graphic Processes (3)**

(This is a WECM course number. Former course prefix/number DFT 118)

A course in creating, printing, and plotting graphics in CAD drawings. Skill development in importing text and raster graphics into CAD drawings, importing CAD vector graphics into desktop documents, scanning and editing raster graphics into CAD drawings, and publishing documents. Projects in coordinating text and graphics within a desktop publishing program will include printing black and white, and color publications. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1391 Special Topics in Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 110)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1392 Special Topics in Architectural Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 111)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1394 Special Topics in Electrical/Electronics Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 112)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1395 Special Topics in Mechanical Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 113)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1405 Technical Drafting (4)**

(This is a WECM course number. Former course prefix/number DFT 114)

Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, auxiliary views, and reproduction processes. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1417 Architectural Drafting - Residential (4)**

(This is a WECM course number. Former course prefix/number DFT 115)

Architectural drafting procedures, practices and symbols, including preparation of detailed working drawings for residential structure with emphasis on light frame construction methods. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 1480 Cooperative Education-Drafting (4)**

(This is a WECM course number. Former course prefix/number DFT 704)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 24 Lab.)

**DFTG 1481 Cooperative Education-Drafting (4)**

(This is a WECM course number. Former course prefix/number DFT 714)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 24 Lab.)

**DFTG 2304 Printed Circuit Board Design (3)**

(This is a WECM course number. Former course prefix/number DFT 200)

An intermediate course including single-sided and double-sided printed circuit board design, emphasizing the drawings, standards, and processes required to layout printed circuit board and manufacturing documentation. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 2310 Structural Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 201)

Discussion of detail drawings of structural shapes for fabrication with emphasis on framed and seated connectors and beam and column detailing. Designed to meet the standards of American Institute of Steel Construction, including units on concrete detailing conforming to American Concrete Institute standards. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 2312 Technical Illustration (3)**

(This is a WECM course number. Former course prefix/number DFT 202)

Topics include pictorial drawing including isometrics, obliques, perspectives, charts, and graphs; shading, text; and use of different media. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 2336 Computer-Aided Drafting Programming (3)**

(This is a WECM course number. Former course prefix/number DFT 203)

Emphasis on the productivity of CAD software through development of computer-aided drafting programs with emphasis on database design, access techniques, and structure methods with particular application in engineering graphics. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 2340 Solid Modeling/Design (3)**

(This is a WECM course number. Former course prefix/number DFT 204)

A computer-aided modeling course. Development of three-dimensional drawings and models from engineering sketches and orthographic drawings and utilization of three-dimensional models in design work. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 2350 Geometric Dimensioning and Tolerancing (3)**

(This is a WECM course number. Former course prefix/number DFT 205)

An introduction to geometric dimensioning and tolerancing, according to ANSI Y14.5 standards. Application of various geometric dimensions and tolerances to engineering drawings. Emphasis on cumulative effects on part function, gauging equipment, and inspection procedures. Laboratory fee. (2 Lec., 4 Lab.)

**DFTG 2356 Advanced Printed Circuit Board Design (3)**

(This is a WECM course number. Former course prefix/number DFT 206)

An advanced course including the layout of surface mounted components and integrated circuit modular design, emphasizing the design and drawing layouts required to produce surface mounted components and integrated circuit modular printed circuit boards. Laboratory fee. (2 Lec., 4 Lab.)

### **DFTG 2374 Integrated Circuit Design (3)**

(This is a WECM course number. Former course prefix/number DFT 207)

Skill development in the design of integrated circuits using current computer hardware and software. Instruction in active devices combines electronic theory and laboratory exercises to enable students to design simple integrated circuits from schematic diagrams and design rules. Laboratory fee. (2 Lec., 4 Lab.)

### **DFTG 2375 Advanced Integrated Circuit Design (3)**

(This is a WECM course number. Former course prefix/number DFT 208)

Skill development in the design of complex integrated circuits. Projects in schematic diagrams will require students to use two sets of design rules. Topics address meeting industrial standards of current technologies. Laboratory fee. (2 Lec., 4 Lab.)

### **DFTG 2380 Cooperative Education-Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 703)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 20 Lab.)

### **DFTG 2381 Cooperative Education-Drafting (3)**

(This is a WECM course number. Former course prefix/number DFT 713)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 15 Lab.)

## **COMPUTER INFORMATION SYSTEMS**

### **CISC 1372 Data Communications And Operating Systems (3)**

(Former course prefix/number CIS 160)

Prerequisite: Computer Information Systems 1470 or demonstrated competence approved by the instructor. This course provides a survey of operating environments and data communications, including vocabulary, concepts, and uses. Topics include connectivity, operating system functions, data communications hardware, software, networks, and protocols. (3 Lec.)

### **CISC 1373 BASIC Programming (3)**

(Former course prefix/number CIS 172)

Prerequisite: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course covers the fundamentals of the BASIC programming language. Topics include structured program development, input/output operations, interactive concepts and techniques, selection and iteration, arrays, functions, string handling, and file processing. Laboratory fee. (2 Lec., 2 Lab.)

### **CISC 1376 Exploring the Internet (3)**

(Former course prefix/number CIS 102)

Prerequisite: Computer Information Systems 1470 or demonstrated competence approved by the instructor. The course provides an introduction to using the Internet. Topics include history, ethical issues, electronic mail, access to remote sites, moving files, researching, using the World Wide Web and initial programming in HTML. Laboratory fee. (2 Lec., 2 Lab.)

### **CISC 1470 Introduction to Computer Concepts And Applications (4)**

(Former course prefix/number CIS 101)

This course introduces the use of computers in business organizations, professional activities and personal life. Topics include terminology, hardware components, systems and application software, systems development of applications, and use of contemporary software application packages (such as word processing, spreadsheet, database, and graphics). Laboratory fee. (3 Lec., 3 Lab.)

### **CISC 1471 Problem Solving With The Computer (4)**

(Former course prefix/number CIS 106)

Prerequisite: Credit or concurrent enrollment in Computer Information Systems 1470 or demonstrated competence approved by the instructor. This course explores the methods of providing computerized solutions to business problems. Analysis and design methods and tools are studied and applied to practical situations involving various business functions. Topics include problem solving skills, logic structures, and programming. Laboratory fee. (3 Lec., 4 Lab.)

### **CISC 1472 Database Programming I (4)**

(Former course prefix/number CIS 109)

Prerequisites: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course develops structured programming skills using a database language. Topics include input/output, comparisons, control breaks, array concepts and report forms. Skills in problem analysis, using design tools, coding, testing, and documentation are also developed. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 1474 Text Processing Applications (4)**

(Former course prefix/number CIS 121)

Prerequisite: Computer Information Systems 1470 or demonstrated competence approved by the instructor. The course covers the use of microcomputers in preparing and editing documents, the mechanics of writing and the composition of various types of communications including letters. Topics include entry and editing, reformatting, search and replace, cut-and-paste, file and print operations, utilities including spelling checkers, outliners, and office productivity tools. Office automation concepts including desk top publishing, facsimile and networking are covered. Students will learn to use commercially available text processors. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 1476 Programming I (4)**

(Former course prefix/number CIS 162)

Prerequisites: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course develops programming skills. Topics include input/output, comparisons, introductory concepts, and report formats. Skills in problem analysis, using design tools, coding, testing, and documentation are also developed. This course may be repeated for credit when programming language differs. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 1477 Programming II (4)**

(Former course prefix/number CIS 164)

Prerequisites: Computer Information Systems 1471 and Computer Information Systems 1476 or demonstrated competence approved by the instructor. This course continues the development of programming skills. Topics include advanced concepts, organization, maintenance, and debugging techniques. This course may be repeated for credit when programming language differs. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 1479 Application Development Tools (4)**

(Former course prefix/number CIS 169)

Prerequisite: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course introduces application development tools and their relationship to software productivity. Topics include survey and definition of available products and their uses, current functions, evaluation standards, selection and implementation. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 1480 UNIX Operating System I (4)**

(Former course prefix/number CIS 192)

Prerequisite: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course introduces the UNIX operating system and includes topics about the file system, both the C and Bourne shells, standard editor (vi), and an introduction to shell programming. (3 Lec., 4 Lab.)

**CISC 2170 Contemporary Topics In Computer Information Systems (1)**

(Former course prefix/number CIS 260)

Prerequisite: Will vary based on topics covered and will be annotated in each semester's class schedule. Recent developments and topics of current interest are studied. May be repeated when topics vary. (1 Lec.)

**CISC 2370 Fundamentals Of Networking (3)**

(Former course prefix/number CIS 200)

Prerequisite: Computer Information Systems 1372 or demonstrated competence approved by the instructor. This course presents the fundamentals of computer networking. Topics include network planning, cost evaluation, design, and implementation. Laboratory fee. (3 Lec., 1 Lab.)

**CISC 2372 Contemporary Topics In Computer Information Systems (3)**

(Former course prefix/number CIS 262)

Prerequisite: Will vary based on topics covered and will be annotated in each semester's class schedule. Recent developments and topics of current interest are studied. May be repeated when topics vary. (3 Lec.)

**CISC 2373 Special Topics In Computer Information Systems (3)**

(Former course prefix/number CIS 263)

Prerequisite: Will vary based on topics covered and will be annotated in each semester's class schedule. Current developments in the rapidly changing field of computer information systems are studied. May be repeated when topics vary. Laboratory fee. (2 Lec., 2 Lab.)

**CISC 2374 Advanced BASIC Techniques (3)**

(Former course prefix/number CIS 272)

Prerequisite: Computer Information Systems 1373 or demonstrated competence approved by the instructor. This course continues the development of programming skills using the BASIC language and its application to typical business problems. Topics include multidimensional arrays, random access files, and graphics. Laboratory fee. (2 Lec., 2 Lab.)

**CISC 2375 User Documentation And Training (3)**

(Former course prefix/number CIS 275)

Prerequisites: Speech Communication 1311, Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course covers the practical application of adult learning theory, product documentation, creating user guides and reference manuals, using tutorials, evaluating and using training materials, effective training experiences, concepts of desk top publishing, and presentation graphics. Laboratory fee. (3 Lec., 1 Lab.)

**CISC 2471 Network Software (4)**

(Former course prefix/number CIS 207)

Prerequisite: Credit or concurrent enrollment in Computer Information Systems 2370 and credit or concurrent enrollment in Computer Information Systems 2478, or demonstrated competence approved by the instructor. This course presents networking software as applied to local area networks. Topics include the OSI reference model, LAN protocols, network utilities, NETBIOS, network security and control, the log-in process, application software in the network environment, and licensing agreements. Students will learn to use commercially available LAN software. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2472 Database Programming II (4)**

(Former course prefix/number CIS 209)

Prerequisites: Computer Information Systems 1472 or demonstrated competence approved by the instructor. This course continues programming skills in a database language. Topics include advanced array concepts, subroutine concepts, advanced screen handling techniques, index techniques, and integrated system development and organization. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2474 C Programming (4)**

(Former course prefix/number CIS 212)

Prerequisite: A minimum of 3 credit hours in a programming language or demonstrated competence approved by the instructor. This course covers the fundamentals of the C Programming language. Topics include structured programming and problem solving techniques. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2475 Microcomputer Assembly Language (4)**

(Former course prefix/number CIS 215)

Prerequisite: Minimum of three credit hours in programming language courses or demonstrated competence approved by the instructor. The basic elements of the assembler language are introduced and structured programming and top-down design techniques are applied. Topics include architecture and machine definition, data description and other assembler pseudo-ops, logic and shift, arithmetic processing, table concepts, printing, string and screen processing, macro definition, and disk processing. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2476 Spreadsheet Applications (4)**

(Former course prefix/number CIS 218)

Prerequisites: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. The course covers the theory and uses of electronic spreadsheets using commercially available packages. Topics include formula creation, template design, formatting features, statistical, mathematical and financial functions, file operations, report generation, graphics, and macro programming. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2478 PC Operating Systems And Utilities (4)**

(Former course prefix/number CIS 221)

Prerequisites: Computer Information Systems 1470 and Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course covers operating system concepts and includes data and memory management, the use of batch files, and "path techniques" to facilitate efficient use of secondary storage. Back-up techniques, operating system commands, and operating system enhancer programs and utilities will be analyzed. Laboratory fee. (3 Lec., 3 Lab.)

**CISC 2479 Systems Analysis And Design (4)**

(Former course prefix/number CIS 225)

Prerequisite: Minimum of six hours of programming language courses or demonstrated competence approved by the instructor. This course introduces and develops skills to analyze existing business systems, to design new systems using structured methodology, and to prepare documentation. Emphasis is on a case study involving all facets of systems analysis and design. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2480 PC Hardware (4)**

(Former course prefix/number CIS 226)

Prerequisite: Credit or concurrent enrollment in Computer Information Systems 2478 or demonstrated competence approved by the instructor. This course presents a functional systems-level review of PC hardware and the organization of components and devices into architectural configurations. Students will learn how to prepare and evaluate system specifications, trouble-shoot minor hardware problems, configure and install hardware, manage memory, modify and use diagnostic software. Laboratory fee. (3 Lec., 3 Lab.)

**CISC 2481 Database Applications (4)**

(Former course prefix/number CIS 228)

Prerequisites: Computer Information Systems 1471 or demonstrated competence approved by the instructor. This course covers database management concepts using commercially available software. Topics include terminology, organizing data and designing files, report and menu generation, indexing, selection/queries, browsing, file operations, and program development. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2483 Interactive Programming (4)**

(Former course prefix/number CIS 258)

Prerequisites: Minimum of six credit hours of programming language courses or demonstrated competence approved by the instructor. This course introduces the concepts required to program on-line applications. Topics include on-line applications design, program coding techniques, testing methods, and file handling. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2484 Special Topics In Computer Information Systems (4)**

(Former course prefix/number CIS 265)

Prerequisite: Will vary based on topics covered and will be annotated in each semester's class schedule. Current developments in the rapidly changing field of computer information systems are studied. May be repeated as topics vary. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2485 Network Problems And Applications (4)**

(Former course prefix/number CIS 287)

Prerequisites: Computer Information Systems 2471 and credit or concurrent enrollment in Computer Information Systems 2488, or demonstrated competence approved by the instructor. This course presents networking problems and applications associated with local area networks. Topics include integration of network resources, network/application interaction, hardware and software conflicts, technical documentation, LAN management, archiving and backup, and common network problems. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2486 Advanced C Programming (4)**

(Former course prefix/number CIS 268)

Prerequisite: Computer Information Systems 2474 or demonstrated competence approved by the instructor. This course continues a study of the C Programming language. Topics include lists, linked lists, searching, tables, sorting, recursion, binary trees and graphs. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2487 Object Oriented Programming (4)**

(Former course prefix/number CIS 270)

Prerequisites: Minimum of three credit hours in programming courses or demonstrated competence approved by the instructor. This course presents the basic elements of object oriented design and development and object oriented programming. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2488 Network Hardware (4)**

(Former course prefix/number CIS 277)

Prerequisites: Computer Information Systems 2471 and credit or concurrent enrollment in Computer Information Systems 2480, or demonstrated competence approved by the instructor. This course presents networking hardware as applied to local area networks. Topics include IEEE 802 standards for LANS, LAN cabling, work stations, network interface cards, servers, bridges, gateways, routers, uninterruptible power supplies, surge and sag devices, and troubleshooting. Students will learn how to install, operate, maintain, and troubleshoot LAN hardware. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2490 UNIX Operating System II (4)**

(Former course prefix/number CIS 292)

Prerequisites: Computer Information Systems 1480 or demonstrated competence approved by the instructor. This course continues the development of UNIX concepts and tools. Topics include advanced file system management, additional editors, text formatting, multi-tasking support and advanced shell programming. Laboratory fee. (3 Lec., 4 Lab.)

**CISC 2491 UNIX System Administration (4)**

(Former course prefix/number CIS 295)

Prerequisites: Computer Information Systems 1480 or demonstrated competence approved by the instructor. This course provides students with an introduction to UNIX systems administration. Topics include the administration of data communications, file systems, processes, operations, security and resources. In addition, system configuration and generation will be explored. Some network considerations will also be addressed. Laboratory fee. (3 Lec., 4 Lab.)



**CISC 7271 Cooperative Work Experience (2)**

(Former course prefix/number CIS 702)

Prerequisite: Completion of two courses in the Computer Information Systems program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include job interview and application techniques, job site interpersonal relations, preparation of resumes, building self-esteem; setting and writing job objectives, time and stress management techniques, career interest/aptitude test, evaluation and planning, vendor presentation and professional development. (1 Lec., 10 Lab.)

**CISC 7272 Cooperative Work Experience (2)**

(Former course prefix/number CIS 712)

Prerequisite: Completion of one course in Computer Information Systems 7171, Computer Information Systems 7271, Computer Information Systems 7371, or Computer Information Systems 7471. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include setting and writing job objectives and directed independent studies of computer-related topics such as expert systems, new vendor products or presentation graphics. (1 Lec., 10 Lab.)

**CISC 7371 Cooperative Work Experience (3)**

(Former course prefix/number CIS 703)

Prerequisites: Completion of two courses in the Computer Information Systems program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include job interview and application techniques, job site interpersonal relations, preparation of resumes, building self-esteem, setting and writing job objectives, time and stress management techniques, career interest/aptitude test, evaluation and planning, vendor presentation and professional development. (1 Lec., 15 Lab.)

**CISC 7372 Cooperative Work Experience (3)**

(Former course prefix/number CIS 713)

Prerequisite: Completion of one course in Computer Information Systems 7171, Computer Information Systems 7271, Computer Information Systems 7371, or Computer Information Systems 7471. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include setting and writing job objectives and directed independent studies of computer-related topics such as expert systems, new vendor products or presentation graphics. (1 Lec., 15 Lab.)

**CISC 7471 Cooperative Work Experience (4)**

(Former course prefix/number CIS 704)

Prerequisites: Completion of two courses in the Computer Information Systems program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include job interview and application techniques, job site interpersonal relations, preparation of resumes, building self-esteem, setting and writing job objectives, time and stress management techniques, career interest/aptitude test, evaluation and planning, vendor presentation and professional development. (1 Lec., 20 Lab.)

**CISC 7472 Cooperative Work Experience (4)**

(Former course prefix/number CIS 714)

Prerequisite: Completion of one course in Computer Information Systems 7171, Computer Information Systems 7271, Computer Information Systems 7371, or Computer Information Systems 7471. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include setting and writing job objectives and directed independent studies of computer-related topics such as expert systems, new vendor products or presentation graphics. (1 Lec., 20 Lab.)

# COMPUTER SCIENCE

## **COSC 1300 Computer Literacy (3)**

[Course description not available at the time of catalog printing.]

## **COSC 1315 Computer Science I (3)**

(This is a common course number. Former course prefix/number CS 113)

This introductory course is designed to meet the requirements for a four-year degree with a major or minor in computer science, mathematics, or a scientific field. This course will focus on problem-solving using modular design techniques implemented with a structured programming language. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1102015227)

## **COSC 1317 Introduction To FORTRAN**

### **Programming (3)**

(This is a common course number. Former course prefix/number CS 121)

Prerequisite: Mathematics 1414. This course is intended primarily for students pursuing a degree in an engineering, science, or related field which requires a one-semester course in FORTRAN programming. Emphasis is on the use of the FORTRAN language in technical applications. Topics include input/output, structures, and formatting. Laboratory fee. (2 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1102015227)

## **COSC 1320 C Programming (3)**

(This is a common course number. Former course prefix/number CS 120)

Prerequisite: Two years of high school algebra or Developmental Math 0093 or demonstrated competence approved by the instructor. This introductory course is designed to meet the requirements for a four-year degree with a major or minor in computer science, mathematics, or a scientific field. The emphasis is on the fundamentals of programming using the C Programming language. Topics covered include input/output processing, structured programming, modular design and problem-solving techniques. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1102015227)

## **COSC 1333 Introduction To PL/I Programming (3)**

(This is a common course number. Former course prefix/number CS 123)

Prerequisites: Developmental Math 0093 and Computer Science 1315 or Computer Information Systems 1470 or demonstrated competence approved by the instructor. This course is an introduction to the PL/I programming language. Emphasis is placed upon the structured approach to program design using both mathematical and business applications. Topics include string processing, simple data structures, internal search/sort techniques, and sequential file processing. Laboratory fee. (2 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1102015127)

## **COSC 1401 Microcomputer Concepts and Applications (4)**

(This is a common course number)

This course introduces the use of computers in business organizations, professional activities and personal life. Topics include terminology, hardware and software, applications and systems development, networking and the use of contemporary software. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 1101015227)

## **COSC 2315 Computer Science II (3)**

(This is a common course number)

Prerequisites: Computer Science 1315 and Mathematics 1414 or demonstrated competence approved by the instructor. This course is a continuation of Computer Science 1315 and is designed to meet the requirements for a degree in computer science or related field. Topics covered include structured problem-solving, elementary and advanced data structures, the use of pointer variables and references, and an introduction to object-oriented programming. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1102015327)

## **COSC 2318 Computer Science II - Pascal (3)**

(This is a common course number. Former course prefix/number CS 114)

Prerequisites: Mathematics 1414 and Computer Science 1315 or demonstrated competence approved by the instructor. This course is a continuation of Computer Science 1315 and is designed to meet the requirements for a degree in computer science or a related field. Topics covered include a continuation of Pascal programming, structured problem-solving, elementary data structures including arrays, records, files, and the use of pointer variables. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1102015327)

**COSC 2320 Advanced C Programming (3)**

(This is a common course number. Former course prefix/number CS 220)

Prerequisite: Computer Science 1320 and Mathematics 1314 or Mathematics 1414 or demonstrated competence approved by the instructor. This course is a continuation of Computer Science 1320 and is designed to meet the requirements for a degree in computer science or a related field. Topics covered include a continuation of C Programming, structured problem-solving, elementary and advanced data structures including arrays, structures, and classes, the use of pointer variables and an introduction to object-oriented programming. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1102015227)

**COSC 2325 Assembly Language (4)**

(This is a common course number. Former course prefix/number CS 212)

Prerequisite: Computer Science 1315 or demonstrated competence approved by the instructor. This course is designed to meet the requirements for a degree in computer science or a related field. Topics covered include a study of assembly language programming, machine representation of data and instructions, and addressing techniques. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1102015427)

**CRIMINAL JUSTICE****CRIJ 1301 Introduction To Criminal Justice (3)**

(This is a common course number. Former course prefix/number CJ 140)

This course is a study of history and philosophy of criminal justice including ethical considerations. Topics include the definition of crime, the nature and impact of crime, an overview of the criminal justice system, law enforcement, court system, prosecution and defense, trial process, and corrections. (3 Lec.)

**CRIJ 1306 The Courts And Criminal Justice (3)**

(This is a common course number. Former course prefix/number CJ 132)

The judiciary in the criminal justice system is explained. The structure of the American Court System is defined. Prosecutorial right to counsel is explained. Other areas covered are pretrial release, grand juries, adjudication process, and types of rules of evidence and sentencing. (3 Lec.)

**CRIJ 1307 Crime In America (3)**

(This is a common course number. Former course prefix/number CJ 139)

American crime problems are studied in the historical perspective. Social and public policy factors affecting crime are discussed. The impact of crime and crime trends are shown along with the social characteristics of specific crimes. The prevention of crime is emphasized. (3 Lec.)

**CRIJ 1310 Fundamentals Of Criminal Law (3)**

(This is a common course number. Former course prefix/number CJ 130)

A study of the nature of criminal law is presented. The philosophical and historical development of criminal law is covered. Major definitions and concepts are given. The classification of crime is covered. The elements of crimes and penalties are discussed using Texas statutes as illustrations. Criminal responsibility is defined. (3 Lec.)

**CRIJ 2301 Community Resources In Corrections (3)**

(This is a common course number. Former course prefix/number CJ 251)

This course is an introductory study of the role of the community in corrections. Community programs for adults and juveniles and the administration of community programs are covered. Legal issues and future trends are presented. (3 Lec.)

**CRIJ 2313 Correctional Systems And Practices (3)**

(This is a common course number. Former course prefix/number CJ 250)

The relationship of corrections in the Criminal Justice system, the organization of correctional systems, and the correctional role are covered. Attention is given to institutional operations, alternatives to institutionalization, treatment and rehabilitation, and current and future issues. (3 Lec.)

**CRIJ 2314 Criminal Investigation (3)**

(This is a common course number. Former course prefix/number CJ 240)

Prerequisite: Criminal Justice 1301. This course covers investigative theory. Topics include the collection and preservation of evidence, sources of information, and interview and interrogation. The uses of forensic sciences and case and trial preparation are also included. (3 Lec.)

**CRIJ 2322 Juvenile Procedures (3)**

(This is a common course number. Former course prefix/number CJ 242)

Prerequisite: Criminal Justice 1301. This course covers recent research and new materials in juvenile procedures. Emphasis is on the major responsibilities of police work with children and youth. (3 Lec.)

**CRIJ 2323 Legal Aspects of Law Enforcement (3)**

(This is a common course number. Former course prefix/number CJ 247)

This course covers police authority, responsibilities, and constitutional constraints. Topics include laws of arrest, search and seizure, and police liability. (3 Lec.)

**CRIJ 2328 Police Systems and Practices (3)**

(This is a common course number. Former course prefix/number CJ 248)

The police profession is studied. The organization of law enforcement systems is explained. Other topics include the police role, police discretion, ethics, and police/community interaction. Current and future issues are emphasized. (3 Lec.)

**CRIJ 2331 Traffic Planning And Administration (3)**

(This is a common course number. Former course prefix/number CJ 244)

Prerequisite: Criminal Justice 1301. The magnitude and complexities of traffic problems are presented. Topics include techniques used by various agencies to eliminate or control these problems. Emphasis is on evaluation of problems and solutions. (3 Lec.)

**CRIJ 2333 Texas Peace Officers Law (3)**

(This is a common course number. Former course prefix/number CJ 148)

Prerequisite: Thirty semester hours of approved academic courses to include fifteen hours of the transfer curriculum in law enforcement. This course is a study of laws that are directly related to police field work. Topics include traffic, intoxicated driver, Penal Code, elements of crimes, the Family Code, Alcoholic Beverage Code and civil liability. This course qualifies for four TCLEOSE training points. (3 Lec., 2 Lab.)

**CRIJ 2334 Texas Peace Officer Procedures (3)**

(This is a common course number. Former course prefix/number CJ 150)

Prerequisite: Criminal Justice 2333 or concurrent enrollment. This course is a study of the techniques and procedures used by police officers on patrol. Topics include controlled substance identification, handling abnormal persons, traffic collision investigation, note taking and report writing, vehicle operation, traffic direction, crowd control and jail operations. This course qualifies for four TCLEOSE training points. (3 Lec., 2 Lab.)

**CRIJ 2335 Texas Peace Officer Skills (3)**

(This is a common course number. Former course prefix/number CJ 232)

Prerequisites: Criminal Justice 2333 and Criminal Justice 2334 or concurrent enrollment. This course includes the demonstration and practice of the skills expected of a police officer. Topics include patrol, traffic stops, use of force, mechanics of arrest, firearms safety and emergency medical care. This course qualifies for five TCLEOSE training points. (4 Lec., 2 Lab.)

**CRIJ 7371 Cooperative Work Experience (3)**

(Former course prefix/number CJ 703)

Prerequisites: Completion of two courses in the Criminal Justice program. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include job interview and application techniques, job site interpersonal relations, preparation of resumes, building self-esteem, setting and writing job objectives, time and stress management techniques, career interest/aptitude test, evaluation and planning, and professional development. (1 Lec., 15 Lab.)

**CRIJ 7372 Cooperative Work Experience (3)**

(Former course prefix/number CJ 713)

Prerequisite: Completion of one course in Criminal Justice 7371 or Criminal Justice 7471. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include setting and writing job objectives. (1 Lec., 15 Lab.)

**CRIJ 7471 Cooperative Work Experience (4)**

(Former course prefix/number CJ 704)

Prerequisites: Completion of two courses in the Criminal Justice program. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include job interview and application techniques, job site interpersonal relations, preparation of resumes, building self-esteem, setting and writing job objectives, time and stress management techniques, career interest/aptitude test, evaluation and planning, and professional development. (1 Lec., 20 Lab.)

**CRIJ 7472 Cooperative Work Experience (4)**

(Former course prefix/number CJ 714)

Prerequisite: Completion of one course in Criminal Justice 7371 or Criminal Justice 7471. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Student must develop new learning objectives each semester. The seminar consists of topics which include setting and writing job objectives. (1 Lec., 20 Lab.)

*A number of other course descriptions in Criminal Justice will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## DANCE

### DANC 1247 Jazz I (2)

(This is a common course number. Former course prefix/number DAN 155)

The basic skills of jazz dance are introduced. Emphasis is on technique and development, rhythm awareness, jazz styles, and rhythmic combinations of movement. Laboratory fee. (1 Lec., 2 Lab)

(Coordinating Board Academic Approval Number 5003015230)

### DANC 1248 Jazz II (2)

(This is a common course number. Former course prefix/number DAN 156)

Prerequisite: Dance 1247 or demonstrated competence approved by the instructor. Work on skills and style in jazz dance is continued. Technical skills, combinations of steps and skills into dance patterns, and exploration of composition in jazz form are emphasized. Laboratory fee. (1 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 5003015230)

## DEVELOPMENTAL COLLEGE LEARNING SKILLS

### DCLS 0100 College Learning Skills (1)

(Former course prefix/number CLS 100)

This course is for students who wish to extend their learning skills for academic or career programs. Individualized study and practice are provided in reading, study skills, and composition. This course may be repeated for a maximum of three credits. TASP remediation and/or preparation may be included. Students may enroll in up to three different sections of CLS during one semester. This course should not be used for TASP remediation. (1 Lec.)

(Coordinating Board Academic Approval Number 3201015235)

## DEVELOPMENTAL COMMUNICATIONS

### DCOM 0095 Communication Skills (3)

(Former course prefix/number DC 095)

This course focuses on strengthening language communications. Topics include grammar, paragraph structure, reading skills, and oral communication. Emphasis is on individual testing and needs. This course should not be used for TASP remediation. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085135)

### DCOM 0120 Communication Skills (3)

(Former course prefix/number DC 120)

This course is for students with significant communication problems. It is organized around skill development, and students may enroll at any time (not just at the beginning of a semester) upon the referral of an instructor. Emphasis is on individual needs and personalized programs. Special attention is given to oral language. Contacts are made with other departments to provide other ways of learning for the students. This course should not be used for TASP remediation. (2 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 3201085135)

## DEVELOPMENTAL LEARNING

### DLEA 0094 Learning Skills Improvement (1)

(Former course prefix/number DL 094)

Learning skills are strengthened. Emphasis is on individual needs and personalized programs. This course may be repeated for a maximum of three credits. This course should not be used for TASP remediation. (2 Lab.)

(Coordinating Board Academic Approval Number 3201015235)

## DEVELOPMENTAL MATHEMATICS

Developmental Mathematics courses offer a review of mathematical skills. Developmental Mathematics 0099 or Developmental Mathematics 0093 satisfies prerequisites for Mathematics 1314, 1324, 1332, 1333, 1335, 1342 and 1414. Developmental Mathematics 0097 or Developmental Mathematics 0091 satisfies prerequisites for Mathematics 1374.

### **DMAT 0060 Basic Mathematics I (1)**

(Former course prefix/number DM 060)

This course is designed to give an understanding of fundamental operations. Selected topics include whole numbers, decimals, and ratio and proportions. (1 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0073 Introduction To Geometry (1)**

(Former course prefix/number DM 073)

This course introduces principles of geometry. Axioms, theorems, axiom systems, models of such systems, and methods of proof are stressed. (1 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0090 Pre Algebra Mathematics (3)**

(Former course prefix/number DM 090)

Prerequisite: An appropriate assessment test score.  
This course is designed to develop an understanding of fundamental operations using whole numbers, fractions, decimals, and percentages and to strengthen basic skills in mathematics. The course is planned primarily for students who need to review basic mathematical processes. This is the first three-hour course in the developmental mathematics sequence. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0091 Elementary Algebra (3)**

(Former course prefix/number DM 091)

Prerequisite: Developmental Mathematics 0090 or an appropriate assessment test score. This is a course in introductory algebra which includes operations on real numbers, polynomials, special products and factoring, rational expressions, and linear equations and inequalities. Also covered are graphs, systems of linear equations, exponents, roots, radicals, and quadratic equations. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0093 Intermediate Algebra (3)**

(Former course prefix/number DM 093)

Prerequisite: One year of high school algebra and an appropriate assessment test score or Developmental Mathematics 0091. This course includes further development of the terminology of sets, operations on sets, properties of real numbers, polynomials, rational expressions, linear equations and inequalities, the straight line, systems of linear equations, exponents, roots, and radicals. Also covered are products and factoring, quadratic equations and inequalities, absolute value equations and inequalities, relations, functions, and graphs. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0096 Essential Math (3)**

(Former course prefix/number DM 096)

This course is designed primarily for students who need to review basic mathematical processes. Students will develop an understanding of fundamental operations using fractions, decimals, and percentages to strengthen basic skills in mathematics. This is a first course in the developmental mathematics sequence. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0097 Algebra Fundamentals I (3)**

(Former course prefix/number DM 097)

Prerequisite: Developmental Mathematics 0096 or 0090 or an appropriate assessment test score. This is a course in introductory algebra which includes operations on real numbers, polynomials, special products and factoring, and linear equations. Also covered are graphs, systems of linear equations and simple exponents. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0098 Algebra Fundamentals II (3)**

(Former course prefix/number DM 098)

Prerequisite: One year of high school algebra and an appropriate assessment test score or Developmental Mathematics 0097 or Developmental Mathematics 0091. This course is a course in introductory algebra which includes rational expressions, inequalities and quadratic equations. Also included are properties of real numbers, the straight line, absolute value equations and advanced factoring. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

### **DMAT 0099 Algebra Fundamentals III (3)**

(Former course prefix/number DM 099)

Prerequisite: One year of high school algebra and an appropriate assessment test score or Developmental Mathematics 0098. This is a course in intermediate algebra which further develops rational expressions, roots, exponents and radicals. Also covered are quadratic inequalities, relations functions and graphs and system of non-linear equations. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045237)

### **DMAT 0300 Review of Algebraic and Geometric Concepts (3)**

Prerequisite: Developmental Mathematics 0093 or Developmental Mathematics 0099. This is a review course for students who have completed and passed the recommended developmental mathematics sequence of courses but have not passed the mathematics section of the TASP test. Topics include test-taking strategies and practice as well as TASP related mathematical concepts. This course cannot be used as a prerequisite for any college-level mathematics course. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201045137)

## **DEVELOPMENTAL READING**

Students can improve their academic success by taking the appropriate reading courses. For an assessment of which course to begin with, talk with a reading faculty member or a counselor.

### **DREA 0090 Developmental Reading (3)**

(Former course prefix/number DR 090)

This course presents basic reading comprehension and vocabulary skills. Basic study skills are introduced. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085235)

### **DREA 0091 Developmental Reading (3)**

(Former course prefix DR 091)

This course continues the development of reading comprehension and vocabulary skills. Study skills are also included. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085235)

### **DREA 0093 Developmental Reading (3)**

(Former course prefix DR 093)

This course offers further development of reading comprehension, vocabulary, and study skills. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085235)

### **DREA 0100 College Learning Skills in Reading (1)**

This course offers further development of reading comprehension, vocabulary, and study skills for students who have completed the developmental reading series, but have not passed the reading portion of the TASP test. This course may be repeated for a maximum of three credits. (1 Lec.)  
(Coordinating Board Academic Approval Number 3201085235)

### **DREA 0200 Learning Skills Improvement in Reading (1)**

This course offers further development of reading comprehension and vocabulary for students who have completed the developmental reading series, but have not passed the reading portion of the TASP test. Emphasis is on the development of learning skills according to individual needs. This course may be repeated for a maximum of three credits. (2 Lab.)  
(Coordinating Board Academic Approval Number 3201085235)

### **DREA 0300 Communication Skills in Reading (3)**

This course offers basic reading skill training through the use of whole language development. This course is designed for students whose assessment scores indicate special needs. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085235)

### **DREA 0400 Communication Skills in Reading (3)**

This course is for students with significant reading problems. It is organized around reading skill development. Emphasis is on individual needs and personalized programs. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085235)

## **DEVELOPMENTAL WRITING**

Students can improve their writing skills by taking Developmental Writing. These courses are offered for three hours of credit.

### **DWRI 0090 Developmental Writing (3)**

(Former course prefix/number DW 090)

This course introduces the writing process. Course topics include practice in getting ideas, writing and rewriting, making improvements, and correcting mistakes. A learning lab is available to provide additional assistance. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085335)

### **DWRI 0091 Developmental Writing (3)**

(Former course prefix/number DW 091)

This course focuses on the writing process. Course topics include inventing, drafting, revising, and editing multi-paragraph papers. Building reading skills, using resources, developing thinking skills, and improving attitudes toward writing comprise other course topics. A learning lab is available to provide additional assistance. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085335)

### **DWRI 0093 Developmental Writing (3)**

(Former course prefix/number DW 093)

This course refines student writing skills in inventing, drafting, revising, and editing multi-paragraph papers. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085335)

**DWRI 0100 Developmental Writing (1)**

This course focuses on instruction to prepare students to meet TASP requirements. This course is also for students who wish to extend their writing skills for academic or career programs. Individualized study and practice are provided. This course may be repeated for a maximum of three credits. (1 Lec.)  
(Coordinating Board Academic Approval Number 3201085335)

**DWRI 0200 Developmental Writing (1)**

This course focuses upon writing skills improvement. Writing skills are strengthened. Emphasis is on individual needs and personalized programs. This course may be repeated for a maximum of three credits. (2 Lab.)  
(Coordinating Board Academic Approval Number 3201085335)

**DWRI 0300 Developmental Writing (3)**

This course focuses upon strengthening writing skills. Topics include grammar, paragraph structure, and effective communication strategies. (3 Lec.)  
(Coordinating Board Academic Approval Number 3201085335)

**DWRI 0400 Developmental Writing (3)**

This course is for students with significant writing problems. It is organized around skill development, and students may enroll at any time (not just at the beginning of the semester) upon the referral of an instructor. Contacts are made with other departments to provide other ways of learning for the students. (2 Lec., 2 Lab.)  
(Coordinating Board Academic Approval Number 3201085335)

**DIGITAL IMAGING TECHNOLOGY**

(See Graphic Communications)

**DRAMA**

(Formerly Theatre)

**DRAM 1120 Rehearsal And Performance I (1)**

(This is a common course number. Former course prefix/number THE 114)  
Participation in the class may include any phase of rehearsal and performance of the current theatrical presentation. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5005015230)

**DRAM 1170 Demonstration Lab (1)**

(Former course prefix/number THE 199)  
Scenes studied in various theatre classes are demonstrated to show contrast and different styles. This course may be repeated for credit. (1 Lab.)  
(Coordinating Board Academic Approval Number 5005015130)

**DRAM 1221 Rehearsal And Performance II (2)**

(This is a common course number. Former course prefix/number THE 210)  
Participation in the class may include any phase of rehearsal and performance of the current theatrical presentation. This course may be repeated for credit. (6 Lab.)  
(Coordinating Board Academic Approval Number 5005015230)

**DRAM 1310 Introduction To The Theatre (3)**

(This is a common course number. Former course prefix/number THE 101)  
The various aspects of theatre are surveyed. Topics include plays, playwrights, directing, acting, theatres, artists, and technicians. (3 Lec.)  
(Coordinating Board Academic Approval Number 5005015130)

**DRAM 1330 Stagecraft I (3)**

(This is a common course number. Former course prefix/number THE 103)  
The technical aspects of play production are studied. Topics include shop procedures, the planning and fabrication of scenic elements, and backstage operations. (2 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 5005025130)

**DRAM 1351 Acting I (3)**

(This is a common course number. Former course prefix/number THE 106)  
The theory of acting and various exercises are presented. Body control, voice, interpretation, characterization, and stage movement are included. Both individual and group activities are used. Specific roles are analyzed and studied. (2 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 5005035130)

**DRAM 1352 Acting II (3)**

(This is a common course number. Former course prefix/number THE 107)  
Prerequisite: Drama 1351 or demonstrated competence approved by the instructor. This course is a continuation of Drama 1351. Emphasis is on characterization and ensemble acting. (2 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 5005035130)

**DRAM 2331 Stagecraft II (3)**

(This is a common course number. Former course prefix/number THE 104)  
Prerequisite: Drama 1330 or demonstrated competence approved by the instructor. Emphasis is placed on the design process and individual projects. (2 Lec., 3 Lab.)  
(Coordinating Board Academic Approval Number 5005025130)

**DRAM 2336 Voice And Articulation (3)**

(This is a common course number. Former course prefix/number THE 109)  
Students may register for either Speech 1342 or Drama 2336 but may receive credit for only one of the two. Emphasis is on improving voice and pronunciation. (3 Lec.)  
(Coordinating Board Academic Approval Number 2310015835)



**DRAM 2351 Scene Study I (3)**

(This is a common course number. Common Course Number THE 205)

Prerequisites: Drama 1351 and 1352. Emphasis is on the study, rehearsal and performance of selected scenes of various periods and styles. (2 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 5005035130)

**DRAM 2352 Scene Study II (3)**

(This is a common course number. Former course prefix/number THE 207)

Prerequisite: Drama 2351. This course is a continuation of Drama 2351. Emphasis is on individual needs of the performer and the various styles of production. (2 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 5005035130)

**DRAM 2374 Lighting Design (3)**

(Former course prefix/number THE 209)

The design and techniques of lighting are covered. Topics include instrumentation, electricity, control and practical experience. (2 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 5005025130)

## **EARLY CHILDHOOD/CHILD DEVELOPMENT**

(Child Development)

**CDEC 1194 Special Topics in Early Childhood (1)**

(This is a WECM course number. Former course prefix/number CDE 100)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Ext.)

**CDEC 1195 Special Topics in Early Childhood Provider/Assistant (1)**

(This is a WECM course number. Former course prefix/number CDE 101)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Ext.)

**CDEC 1280 Cooperative Education-Early Childhood Provider/Assistant (2)**

(This is a WECM course number. Former course prefix/number CDE 102)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 10 Lab.)

**CDEC 1303 Family and the Community (3)**

(This is a WECM course number. Former course prefix/number CDE 103)

A study of the relationship between the child, the family, the community, and early childhood educators, including a study of parent education, family and community lifestyles, child abuse, and current issues. (3 Lec.)

**CDEC 1317 Child Development Associate Training I (3)**

(This is a WECM course number. Former course prefix/number CDE 104)

Based on the requirements for the Child Development Associate National Credential (CDA). Three of the 13 functional areas of study included: family, program management, and professionalism. Topics on CDA overview, general observation skills, and child growth and development overview. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 1318 Nutrition, Health, and Safety (3)**

(This is a WECM course number. Former course prefix/number CDE 105)

A study of nutrition, health, safety, and related activities, including skill development in management of issues, guidelines, and practices in nutrition, as well as community health, hygiene, safety, and legal implications. Integration of these principles applied to a variety of settings. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 1319 Child Guidance (3)**

(This is a WECM course number. Former course prefix/number CDE 106)

An exploration of common behavior problems of young children in an early childhood setting. Emphasis on positive guidance techniques for effective behavior management. Practical application through direct participation in an early childhood setting. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 1359 Children with Special Needs (3)**

(This is a WECM course number. Former course prefix/number CDE 107)

A survey of information regarding children with special needs including possible causes and characteristics of exceptionalities, educational intervention, available resources, referral processes, and the advocacy role and legislative issues. (3 Lec.)

**CDEC 1391 Special Topics in Family Life and Relations Studies (3)**

(This is a WECM course number. Former course prefix/number CDE 108)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. (3 Lec.)

**CDEC 1392 Special Topics in Child Development (3)**

(This is a WECM course number. Former course prefix/number CDE 109)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. (3 Lec.)

**CDEC 1393 Special Topics in Family Living and Parenthood (3)**

(This is a WECM course number. Former course prefix/number CDE 110)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. (3 Lec.)

**CDEC 1394 Special Topics in Early Childhood (3)**

(This is a WECM course number. Former course prefix/number CDE 111)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. (3 Lec.)

**CDEC 1395 Special Topics in Early Childhood Provider/Assistant (3)**

(This is a WECM course number. Former course prefix/number CDE 112)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. (3 Lec.)

**CDEC 1396 Special Topics in Administration of Programs for Children (3)**

(This is a WECM course number. Former course prefix/number CDE 113)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. (3 Lec.)

**CDEC 1411 Introduction to Early Childhood Education (4)**

(This is a WECM course number. Former course prefix/number CDE 114)

An introduction to the profession of early childhood education, focusing on developmentally appropriate practices, types of programs, historical perspectives, ethics, and current issues. Laboratory fee. (3 Lec., 2 Lab.)

**CDEC 1413 Curriculum Resources for Early Childhood Programs (4)**

(This is a WECM course number. Former course prefix/number CDE 115)

Fundamentals of curriculum design and implementation in developmentally appropriate programs for young children. Laboratory fee. (3 Lec., 2 Lab.)

**CDEC 1454 Child Growth and Development (4)**

(This is a WECM course number. Former course prefix/number CDE 116)

A study of the principles of normal child growth and development from conception to adolescence. Focus on physical, cognitive, social, and emotional domains of development. Laboratory fee. (3 Lec., 2 Lab.)

**CDEC 1492 Special Topics in Child Development (4)**

(This is a WECM course number. Former course prefix/number CDE 117)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (3 Lec., 2 Lab.)

**CDEC 2322 Child Development Associate Training II (3)**

(This is a WECM course number. Former course prefix/number CDE 200)

A continuation of the study of the requirements for the Child Development Associate National Credential (CDA). The six functional areas of study include safe, healthy, learning environment, self, social, and guidance. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 2324 Child Development Associate Training III (3)**

(This is a WECM course number. Former course prefix/number CDE 201)

A continuation of the study of the requirements for the Child Development Associate National Credential (CDA). The four functional areas of study are creative, cognitive, physical, and communication. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 2326 Administration of Programs for Children I (3)**

(This is a WECM course number. Former course prefix/number CDE 202)

A practical application of management procedures for early care and education programs, including a study of operating, supervising, and evaluating programs. Topics on philosophy, types of programs, policies, fiscal management, regulations, staffing, evaluation, and communication. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 2328 Administration of Programs for Children II (3)**

(This is a WECM course number. Former course prefix/number CDE 203)

Prerequisites: Child Development 2326. A in-depth study of the skills and techniques in managing early care and education programs, including legal and ethical issues, personnel management, team building, leadership, conflict resolution, stress management, advocacy, professionalism, fiscal analysis and planning, parent education/partnerships, and technical applications in programs. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 2373 Supportive Services for Exceptional Children (3)**

(This is a WECM course number. Former course prefix/number CDE 204)

Identification of local, state and national resources for exceptional children and their families. Referral and resource information for special children is gathered through field studies, community involvement, and independent activities. (3 Lec.)

**CDEC 2375 Abuse Within the Family (3)**

(This is a WECM course number. Former course prefix/number CDE 205)

The symptoms and causes of abusive behaviors within the family are the focus of this course. Emphasis is on developing skills and competencies in working with the families to help them lessen and alleviate abusive behaviors and experiences. Laboratory fee. (2 Lec., 2 Lab.)

**CDEC 2380 Cooperative Education-Early Childhood Provider/Assistant (3)**

(This is a WECM course number. Former course prefix/number CDE 206)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 15 Lab.)

**CDEC 2421 The Infant and Toddler (4)**

(This is a WECM course number. Former course prefix/number CDE 207)

A study of appropriate infant and toddler (birth to 3 years) programs, including an overview of development, quality caregiving routines, appropriate environments, materials and activities, and teaching/guidance techniques. Laboratory fee. (3 Lec., 2 Lab.)

**CDEC 2441 The School Age Child (4)**

(This is a WECM course number. Former course prefix/number CDE 208)

A study of appropriate age (5 to 13 years) programs, including an overview of development, appropriate environments, materials and activities, and teaching/guidance techniques. Laboratory fee. (3 Lec., 2 Lab.)

**CDEC 2473 Learning Programs for Children with Special Needs (4)**

(This is a WECM course number. Former course prefix/number CDE 209)

This course focuses on successful model programs for encouraging maximum learning from young children with special needs. Materials, activities, and methods of working with children are examined. Laboratory fee. (2 Lec., 6 Lab.)

**CDEC 2475 Student Teaching in Child Development/Early Childhood I (4)**

(This is a WECM course number. Former course prefix/number CDE 210)

Prerequisites: Child Development 1318, Child Development 1319, Child Development 1411, Child Development 1413, and Child Development 1454. This course provides in-depth observations and participation experiences and activities with young children at the Parent/Child Study Center and other appropriate child-care facilities. Laboratory fee. (2 Lec., 6 Lab.)

**CDEC 2476 Student Teaching in Child Development/Early Childhood II (4)**

(This is a WECM course number. Former course prefix/number CDE 211)

Prerequisites: Child Development 2475. This course provides application of child development learning theories with young children at the Parent/Child Study Center and other appropriate child-care facilities. Laboratory fee. (2 Lec., 6 Lab.)

**CDEC 2481 Cooperative Education-Early Childhood Provider/Assistant (4)**

(This is a WECM course number. Former course prefix/number CDE 212)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 21 Lab.)

## **EARTH SCIENCE**

(See Geology)

## **EASTFIELD INTERPRETER TRAINING PROGRAM**

(Interpreter Training Program)

**EITP 1170 Receptive Fingerspelling (1)**

(Former course prefix/number ITP 148)

Concurrent enrollment in Interpreter Training 1470. Students practice the reception of fingerspelling using the phonetic approach. Accuracy is stressed and speed is increased throughout the course. Video and computer materials are available for reinforcement. (2 Lab.)

**EITP 1370 Introduction To Deafness (3)**

(Former course prefix/number ITP 140)

An overview of deafness which will include, history of deaf education, causes of hearing loss, organizations associated with deafness and professionals involved in work with the deaf. (3 Lec., 1 Lab.)

**EITP 1371 Psychosocial Aspects Of Deafness (3)**

(Former course prefix/number ITP 144)

Prerequisite: Interpreter Training 1370. Students study the psychological and sociological effects of deafness on the individual and membership within the deaf community. (3 Lec.)

**EITP 1372 Introduction to Interpreting (3)**

(Former course prefix/number ITP 151)

Prerequisite: Interpreter Training 1470 and Interpreter Training 1170. Concurrent enrollment Interpreter Training 1471 and Interpreter Training 1373. Students learn about the sign language interpreters "World of Work". Topics include business practices, history of interpreting, ethical practices, situational problem solving, and discussion of various settings. (3 Lec.)

**EITP 1373 Mime for Interpreters (3)**

(Former course prefix/number ITP 152)

Prerequisites: Interpreter Training 1470 and Interpreter Training 1170. Concurrent enrollment: Interpreter Training 1471, Interpreter Training 1372. Students study and practice mime components which are crucial to the production of American Sign Language and interpreting for deaf persons. Class is conducted in ASL. (3 Lec.)

**EITP 1470 American Sign Language I (4)**

(Former course prefix/number ITP 141. Common Course Number is SGNL 1401)

Prerequisite: Appropriate English Assessment score. Concurrent enrollment: Interpreter Training 1170. The study of American Sign Language linguistic principles is started. Study includes phonology, semantics, syntax and pragmatics of ASL. Pre-interpreting voicing, visual recognition and memory skills are practiced. Fingerspelling is taught through the whole word approach. An extensive video and audio collection is available for student practice in our laboratory. Injury prevention exercises are practiced. Laboratory fee. (3 Lec., 2 Lab.)

**EITP 1471 American Sign Language II (4)**

(Former course prefix/number ITP 143. Common Course Number is SGNL 1402)

Prerequisite: minimum grade of "C" in Interpreter Training 1170 and Interpreter Training 1470. Concurrent enrollment Interpreter Training 1372 and Interpreter Training 1373. Study of ASL linguistic components is continued. Emphasis is placed on connected language in phrases and short stories. Class is conducted a greater percentage of the time in ASL. Pre-interpreting skill development is continued. Injury prevention exercises are practiced. Mime concepts and their usage in discourse are begun. Receptive fingerspelling via the whole word approach is continued. (3 Lec., 2 Lab.)

**EITP 2373 Interpreting: Sign To Voice (3)**

(Former course prefix/number ITP 250)

Prerequisite: Speech Communications 1342. Concurrent enrollment: Interpreter Training 2374 and Interpreter Training 2470. This course is designed for the advanced sign language student. Sign to voice skills are developed and practiced through the use of video and audio tapes. Students focus on identifying topics and then adding the details of the message. (3 Lec.)

**EITP 2374 Interpreting: Voice To Sign (3)**

(Former course prefix/number ITP 253)

Prerequisite: Interpreter Training 1371 Concurrent enrollment: Interpreter Training 2373 and Interpreter Training 2470. Students will acquire theoretical information pertaining to the expressive aspect of interpreting. Students will interpret in class by using audio and video tapes. Each student's vocabulary/sign choice and performance will be analyzed and recommendations made for improvement of delivery. Students will analyze English idioms and translate them into ASL. Laboratory fee. (3 Lec.)

**EITP 2375 Practicum (3)**

(Former course prefix/number ITP 260)

Prerequisite or concurrent enrollment: Interpreter Training 2376 and Interpreter Training 2377. Students practice and implement the interpreting skills and knowledge acquired throughout this training program which is done under the guidance of certified/qualified interpreters in the field. The students meet during seminar to discuss issues which arise during their practicum experience. Students must have permission from program chair to enroll. (1 Lec., 15 Lab.)

**EITP 2376 Transliterating: Sign to Voice (3)**

(Former course prefix /number ITP 254)

Prerequisite: Minimum grade of "C" in Interpreter Training 2373. Concurrent enrollment: Interpreter Training 2377. Transliteration voicing skills are developed through the use of video and audio tapes. Recognition of technical sign symbols is taught. (3 Lec.)

**EITP 2377 Transliterating: Voice to Sign (3)**

(Former course prefix/number ITP 255)

Prerequisite: Minimum grade of "C" in Interpreter Training 2374. Concurrent enrollment: Interpreter Training 2376. The acts of interpreting and transliterating are compared and contrasted. Transliteration skills and appropriate inclusion of interpreting components will be discussed and practiced. Video and audio materials will be heavily used. (3 Lec.)

**EITP 2470 American Sign Language III (4)**

(Former course prefix/number ITP 240)

Prerequisite: Minimum grade of "C" in Interpreter Training 1372, Interpreter Training 1373 and Interpreter Training 1471. Concurrent enrollment: Interpreter Training 2373 and Interpreter Training 2374. Students continue to study linguistic components of American Sign Language. Emphasis is on immediate translation to ASL and production in ASL of the English form. Immediate translation and usage in ASL of English vocabulary with multiple meanings is practiced. Injury prevention exercises are continued. Laboratory fee. (3 Lec., 2 Lab.)

## ECOLOGY

NOTE: This course will carry a Dallas County Community College prefix of "ECOL"; however, it may also be identified by a common course number for transfer evaluation purposes. Both are listed in the course description.

**ECOL 1305 People And Their Environment (3)**

(Former course prefix/number ECY 291. The common course number is GEOL 1305.)

Environmental awareness and knowledge are emphasized. Topics include pollution, erosion, land use, energy resource depletion, overpopulation, and the effects of unguided technological development. Proper planning of societal and individual action in order to protect the natural environment is stressed. (3 Lec.)  
(Coordinating Board Academic Approval Number 0301025339)

## ECONOMICS

**ECON 1303 Economics Of Contemporary Social Issues (3)**

(This is a common course number. Former course prefix/number ECO 105)

This course is an application of the basic economic concepts to the study of social issues and issues of public policy. Topics such as the environment, health care, welfare reform, poverty, job security and economic growth are discussed. This course may also serve as preparation for Economics 2301 and Economics 2302, but will not replace either of these courses where they are required in a specific degree plan. (3 Lec.)  
(Coordinating Board Academic Approval Number 1904025242)

**ECON 2301 Principles Of Economics I (3)**

(This is a common course number. Former course prefix/number ECO 201)

Sophomore standing is recommended. An introduction to principles of macroeconomics is presented. Economic principles are studied within the framework of classical, Keynesian, monetarist and alternative models. Emphasis is given to national income determination, money and banking, and the role of monetary and fiscal policy in economic stabilization and growth. Other topics include international trade and finance. (3 Lec.)  
(Coordinating Board Academic Approval Number 4506015142)

### **ECON 2302 Principles Of Economics II (3)**

(This is a common course number. Former course prefix/number ECO 202)

Prerequisite: Sophomore standing is recommended. The principles of microeconomics are presented. Topics include the theory of demand, supply, and price of factors. Income distribution and theory of the firm are also included. Emphasis is given to microeconomic applications of international trade and finance as well as other contemporary microeconomic problems. (3 Lec.)  
(Coordinating Board Academic Approval Number 4506015142)

### **ECON 2311 Economics of Global Issues (3)**

(This is a common course number. Former course prefix/number ECO 203)

This course examines the history and theory of international trade and global economic development. Economic, social, cultural, and political issues which impact the global economy and basic human welfare are studied. (3 Lec.)  
(Coordinating Board Academic Approval Number 4507015242)

## **ELECTRONICS TECHNOLOGY**

*All course descriptions in Electronics Technology will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## **ELECTRONIC TELECOMMUNICATIONS**

*All course descriptions in Electronic Telecommunications will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## **ENGLISH**

(Also see Developmental Reading and Developmental Writing.) Additional instruction in writing and reading is available through the Learning Skills Center.

### **ENGL 1301 Composition I (3)**

(This is a common course number. Former course prefix/number ENG 101)

Prerequisite: Developmental Reading 0093 and Developmental Writing 0093 or meet TASP/Alternative Assessment Standard in Reading and Writing. This course focuses on student writing. It emphasizes reading and analytical thinking and introduces research skills. Students practice writing for a variety of audiences and purposes. (3 Lec.)  
(Coordinating Board Academic Approval Number 2304015135)

### **ENGL 1302 Composition II (3)**

(This is a common course number. Former course prefix/number ENG 102)

Prerequisite: English 1301 and TASP/Alternative Assessment Standard in Reading and Writing must be met. In this course students refine the writing, research, and reading skills introduced in English 1301. A related goal is the development of critical thinking skills. Writing assignments emphasize argumentation and persuasion. Students will also write a formal research paper. (3 Lec.)

(Coordinating Board Academic Approval Number 2304015135)

### **ENGL 2307 Creative Writing (3)**

(This is a common course number. Former course prefix/number ENG 209)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. The writing of fiction is the focus of this course. Included are the short story, poetry, and short drama. (3 Lec.)

(Coordinating Board Academic Approval Number 2305015135)

### **ENGL 2311 Technical Writing (3)**

(This is a common course number. Former course prefix/number ENG 210)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. The technical style of writing is introduced. Emphasis is on the writing of technical papers, reports, proposals, progress reports, and descriptions. (3 Lec.)

(Coordinating Board Academic Approval Number 2311015135)

### **English In The Sophomore Year**

English 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333, 2370, and 2371 are independent units of three credit hours each. Any one of these courses will satisfy DCCCD degree requirements in sophomore English.

**ENGL 2321 British Literature (3)**

(This is a common course number. Former course prefix/number ENG 212)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes selections in British Literature organized by movements, schools, periods, or themes. (3 Lec.)

(Coordinating Board Academic Approval Number 2308015135)

**ENGL 2322 British Literature (3)**

(This is a common course number. Former course prefix/number ENG 201)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes significant works of British writers from the Old English Period through the 18th century. (3 Lec.)

(Coordinating Board Academic Approval Number 2308015135)

**ENGL 2323 British Literature (3)**

(This is a common course number. Former course prefix/number ENG 202)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes significant works of British writers from the Romantic Period to the present. (3 Lec.)

(Coordinating Board Academic Approval Number 2308015135)

**ENGL 2326 American Literature (3)**

(This is a common course number. Former course prefix/number ENG 213)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes selections in American Literature organized by movements, schools, periods, or themes. (3 Lec.)

(Coordinating Board Academic Approval Number 2307015135)

**ENGL 2327 American Literature (3)**

(This is a common course number. Former course prefix/number ENG 205)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes significant works of American writers from the Colonial through the Romantic Period. (3 Lec.)

(Coordinating Board Academic Approval Number 2307015135)

**ENGL 2328 American Literature (3)**

(This is a common course number. Former course prefix/number ENG 208)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes significant works of American writers from the Realistic Period to the present. (3 Lec.)

(Coordinating Board Academic Approval Number 2307015135)

**ENGL 2331 World Literature (3)**

(This is a common course number. Former course prefix/number ENG 214)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes selections in World Literature organized by movements, schools, periods, or themes. Course descriptions are available each semester prior to registration. (3 Lec.)

(Coordinating Board Academic Approval Number 2303015235)

**ENGL 2332 World Literature (3)**

(This is a common course number. Former course prefix/number ENG 203)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes significant works representing a variety of cultures from the ancient world through the Renaissance. (3 Lec.)

(Coordinating Board Academic Approval Number 2303015235)

**ENGL 2333 World Literature (3)**

(This is a common course number. Former course prefix/number ENG 204)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes significant works representing a variety of cultures from the Renaissance to the present. (3 Lec.)

(Coordinating Board Academic Approval Number 2303015235)

**ENGL 2370 Studies In Literature (3)**

(Former course prefix/number ENG 215)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes selections in literature organized by genre, period, or geographical region. Course descriptions are available each semester prior to registration. This course may be repeated for credit. (3 Lec.)

(Coordinating Board Academic Approval Number 2303015335)

**ENGL 2371 Studies In Literature (3)**

(Former course prefix/number ENG 216)

Prerequisite: English 1301, English 1302 and TASP/Alternative Assessment Standards in Reading and Writing must be met. This course includes selections in literature organized by theme, interdisciplinary content or major author. Course titles and descriptions are available each semester prior to registration. This course may be repeated for credit. (3 Lec.)

(Coordinating Board Academic Approval Number 2303015335)

## ENGLISH AS A SECOND LANGUAGE

The English As A Second Language ESL credit curriculum is designed to develop a student's pre-academic language proficiency in the areas of listening, speaking, reading, and writing. The plan of study consists of sixteen courses divided into four proficiency levels and four skill areas (Listening-Speaking, Reading, Writing, and Grammar). The credit curriculum is designed to interface both with other ESL programs and with developmental studies or college level programs on each campus. A student enters this program by taking an English placement test and then by being advised by a specially trained ESL academic advisor.

### **ESOL 0031 - ESOL 0034 (Listening-Speaking)**

These courses prepare students to communicate orally in both public and academic environments. Emphasis is placed on developing language functions, pronunciation, and listening skills, and improving social and intercultural communication skills. Activities range from one-on-one conversation and brief descriptions to formal oral presentations and debates.

### **ESOL 0041 - ESOL 0044 (Reading)**

These courses engage students in reading material from daily experience and prepare them for college reading tasks. Each course instructs students in reading skills, vocabulary development, critical thinking skills, and the use of resources.

### **ESOL 0051 - ESOL 0054 (Writing)**

These courses are designed to help students increase fluency and build confidence in writing. The courses focus on writing as a process. Through inventing, drafting, and revising, students write for specific audiences and purposes.

### **ESOL 0061 - ESOL 0064 (Grammar)**

These courses are designed to complement the ESOL 0051-0054 writing series. They provide instruction and practice with discrete grammar points necessary for effective writing.

## INGLES COMO SEGUNDO IDIOMA

El programa de credito academico de Ingles Como Segundo Idioma ESL esta diseñado para desarrollar el dominio del idioma pre-academico del estudiante en las areas de escuchar, hablar, leer y escribir. El plan de estudio consiste en dieciseis cursos divididos en cuatro niveles de dominio y cuatro areas de habilidades (Escuchar/Hablar, Lectura, Escritura y Gramatica). El programa de credito academico esta disenado para complementar otros programas de ESL y con los estudios de desarrollo o programas de nivel universitario de cada campus. El estudiante comienza este programa al tomar un examen de clasificacion y despues de una entrevista individual con un asesor academico entrenado especialmente en ESL.

### **ESOL 0031 - ESOL 0034 (Escuchar y Conversar)**

Estos cursos preparan al alumno para comunicarse con confianza en situaciones sociales y academicas. Se desarrollan las varias funciones del lenguaje, se mejora la pronunciacion y comprension auditiva y se practica la comunicacion academica y transcultural. Las actividades didacticas incluyen describir lugares y objetos, proyectos en grupo, presentaciones orales y debates formales.

### **ESOL 0041 - ESOL 0044 (Lectura)**

Estos cursos permiten a los estudiantes el acceso a material de lectura de la vida diaria y los prepara para tareas de lectura academica. Cada curso instruye a los estudiantes en habilidades de lectura, desarrollo de vocabulario, pensar en forma critica y el uso de los varios recursos disponibles en la institucion.

### **ESOL 0051 - ESOL 0054 (Escritura)**

Estos cursos estan disenados con el objeto de ayudar los alumnos a obtener fluidez y confianza en escritura. Los cursos se enfocan en el proceso de escritura. A traves de crear, planear y revisar, los estudiantes produzcan escritos para diferentes audiencias y con diversos propósitos.

### **ESOL 0061 - ESOL 0064 (Gramatica)**

Estos cursos estan disenados para complementar la serie de Escritura 0051-0054. Dichos cursos proveen instruccion y ejercicios practicos, asi como puntos esenciales de gramatica necesarios para la efectiva comunicacion escrita.



## ENGLISH AS A SECOND LANGUAGE

### **ESOL 0031 ESL Listening/Speaking (3)**

(Former course prefix/number ESL 031)

This course focuses on developing basic social and pre-academic listening and speaking skills. It includes skills such as describing, giving directions, and learning to understand explanations. Conversation conventions will be practiced as well as non-verbal communication skills. (Pronunciation is introduced through the study of basic phonetic segments and intonation patterns.) (3 Lec.)

(Coordinating Board Academic Approval Number 3201085535)

### **ESOL 0032 ESL Listening/Speaking (3)**

(Former course prefix/number ESL 032)

This course develops intermediate social and pre-academic listening and speaking skills through situational activities. Students will express ideas and opinions in small groups and learn to understand and react appropriately. Intercultural communication will be incorporated. (Pronunciation skills will be practiced through identifying phonetic correctness and applying concepts of stress and intonation.) (3 Lec.)

(Coordinating Board Academic Approval Number 3201085535)

### **ESOL 0033 ESL Speaking (3)**

(Former course prefix/number ESL 033)

This course develops public/academic oral language skills through active participation in group projects and presentations. Rhetorical skills such as narration and description will be practiced, and improving cross-cultural communication skills will be emphasized. (Pronunciation skills, including stress and intonation, will be refined with focused effort on areas of need through monitoring of oral production.) (3 Lec.)

(Coordinating Board Academic Approval Number 3201085535)

### **ESOL 0034 ESL Academic Speaking (3)**

(Former course prefix/number ESL 034)

This course stresses academic speaking skills. Students learn formal presentation techniques as they defend a point of view and participate in seminars, panels, and debates. Formal rhetorical skills such as cause/effect, process, and summary will be practiced. The course will emphasize the value of cultural diversity. (Pronunciation skills, including stress and intonation, will continue to be refined with focused effort on areas of need through monitoring of oral production.) (3 Lec.)

(Coordinating Board Academic Approval Number 3201085535)

### **ESOL 0041 ESL Reading (3)**

(Former course prefix/number ESL 041)

This course focuses on language development through reading activities. It includes reading comprehension, vocabulary building, study skills techniques, and intercultural sharing. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085635)

### **ESOL 0042 ESL Reading (3)**

(Former course prefix/number ESL 042)

This course continues language development through reading comprehension and vocabulary building. It introduces paragraph organization, idiom study, and adapting reading rate for different purposes. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085635)

### **ESOL 0043 ESL Reading (3)**

(Former course prefix/number ESL 043)

This course includes specific reading comprehension skills, reading efficiency strategies, critical thinking skills, vocabulary expansion, and the use of campus resources such as labs and libraries. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085635)

### **ESOL 0044 ESL Reading (3)**

(Former course prefix/number ESL 044)

This course is designed to build on skills taught in previous reading classes but with a more academic emphasis. Students are taught reading skills and critical thinking skills as they relate to academic topics and to literature. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085635)

### **ESOL 0045 Developmental Reading for Non-Native Speakers (1)**

(Former course prefix/number ESL 045)

This course provides individualized instruction in order to fulfill the TASP remediation requirement for reading. The content will include a review of reading comprehension, vocabulary development and critical thinking skills. This course is only open to students whose first language is not English. (1 Lec.)

(Coordinating Board Academic Approval Number 3201085435)

### **ESOL 0051 ESL Writing (3)**

(Former course prefix/number ESL 051)

This course stresses the creation of sentences and groups of sentences. It also introduces basic spelling rules and vocabulary development. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

### **ESOL 0052 ESL Writing (3)**

(Former course prefix/number ESL 052)

This course introduces the development of controlled and guided paragraphs using a variety of organizational structures and stresses logic patterns of English. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

### **ESOL 0053 ESL Writing (3)**

(Former course prefix/number ESL 053)

This course stresses the process of paragraph writing and the characteristics of effective paragraph structure. It also introduces modes of discourse such as description, cause-effect, and comparison-contrast. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

**ESOL 0054 ESL Writing (3)**

(Former course prefix/number ESOL 054)

This course emphasizes modes of discourse in expository writing for academic purposes. Particular attention is given to improving unity, coherence, transition, and style as students progress to multi-paragraph compositions. Paraphrasing and summarizing are also introduced. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

**ESOL 0055 ESL Writing (1)**

(Former course prefix/number ESOL 055)

This course provides individualized instruction in order to fulfill the TASP remediation requirement for writing. Content will include a review of single and multi-paragraph compositions, sentence structure, and edited American usage. This course is open only to students whose first language is not English. (1 Lec.)

(Coordinating Board Academic Approval Number 3201085435)

**ESOL 0061 ESL Grammar (3)**

(Former course prefix/number ESOL 061)

This course introduces the basic aspects of English grammar needed to write simple and compound sentences. It includes the study of basic verb tenses, parts of speech, subject-verb agreement, and question formation. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

**ESOL 0062 ESL Grammar (3)**

(Former course prefix/number ESOL 062)

This course reviews basic elements of English grammar introduced in ESOL 0061 and introduces grammar points necessary for writing controlled paragraphs. It includes further study of verb tenses, parts of speech, and question formation and introduces two-word verbs, modals, gerunds, and infinitives. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

**ESOL 0063 ESL Grammar (3)**

(Former course prefix/number ESOL 063)

This course reviews grammar points studied in ESOL 0061 and ESOL 0062 and introduces elements necessary for students to write effective one-paragraph essays. It continues the study of verb tenses, parts of speech, and modals and introduces adverb, adjective, and noun clauses. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

**ESOL 0064 ESL Grammar (3)**

(Former course prefix/number ESOL 064)

This course reviews grammar points studied in ESOL 0061, ESOL 0062, and ESOL 0063 and analyzes complex elements of those points. In addition, it introduces passive voice and conditional sentences. (3 Lec.)

(Coordinating Board Academic Approval Number 3201085735)

**FRENCH****FREN 1311 Beginning French (3)**

(This is a common course number.)

This course is an introduction to French speaking, comprehension, reading, writing and grammar. Cultural insights are also presented. Emphasis is on pronunciation, comprehension, and oral expression. It is strongly recommended that students who plan to study French for more than one semester enroll in French 1411 which includes an extra hour of lab per week (and an extra hour of credit for the course). Students who successfully complete French 1311 and wish to continue their studies of French may register for French 1412. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1609015131)

**FREN 1411 Beginning French (4)**

(This is a common course number. Former course prefix/number FR 101)

The essentials of grammar and easy idiomatic prose are studied. Emphasis is on pronunciation, comprehension, and oral expression. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1609015131)

**FREN 1412 Beginning French (4)**

(This is a common course number. Former course prefix/number FR 102)

Prerequisite: French 1411 or the equivalent. This course is a continuation of French 1411. Emphasis is on idiomatic language and complicated syntax. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1609015131)

**FREN 2311 Intermediate French (3)**

(This is a common course number. Former course prefix/number FR 201)

Prerequisite: French 1412 or the equivalent. Reading, composition, and intense oral practice are covered in this course. Grammar is reviewed. (3 Lec.)

(Coordinating Board Academic Approval Number 1609015231)

**FREN 2312 Intermediate French (3)**

(This is a common course number. Former course prefix/number FR 202)

Prerequisite: French 2311 or the equivalent. This course is a continuation of French 2311. Contemporary literature and composition are studied. Grammar is reviewed and expanded. (3 Lec.)

(Coordinating Board Academic Approval Number 1609015231)

## GEOGRAPHY

### **GEOG 1301 Physical Geography (3)**

(This is a common course number. Former course prefix/number GPY 101)

The physical composition of the earth is surveyed. Topics include weather, climate, topography, plant and animal life, land, and the sea. Emphasis is on the earth in space, use of maps and charts, and place geography.

(3 Lec.)

(Coordinating Board Academic Approval Number 4507015142)

### **GEOG 1302 Cultural Geography (3)**

(This is a common course number. Former course prefix/number GPY 103)

This course focuses on the development of regional variations of culture. Topics include the distribution of races, religions, and languages. Aspects of material culture are also included. Emphasis is on origins and diffusion. (3 Lec.)

(Coordinating Board Academic Approval Number 4507015342)

### **GEOG 1303 World Regional Geography (3)**

(This is a common course number. Common Course Number GPY 104)

A study of major developing and developed regions with emphasis on awareness of prevailing world conditions and developments, including emerging conditions and trends, and awareness of diversity of ideas and practices to be found in those regions. Course content may include one or more regions. (3 Lec.)

(Coordinating Board Academic Approval Number 4507015342)

### **GEOG 2312 Economic Geography (3)**

(This is a common course number. Former course prefix/number GPY 102)

The relation of humans to their environment is studied. Included is the use of natural resources. Problems of production, manufacturing, and distributing goods are explored. Primitive subsistence and commercialism are considered. (3 Lec.)

(Coordinating Board Academic Approval Number 4507015242)

## GEOLOGY

### **GEOL 1401 Earth Science (4)**

(This is a common course number. Former course prefix/number ES 117)

This course is for the non-science major. It covers the interaction of the earth sciences and the physical world. Geology, astronomy, meteorology, and space science are included. Selected principles and concepts of the applied sciences are explored. This course is also offered as Physical Science 1417. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4001015139)

### **GEOL 1403 Physical Geology (4)**

(This is a common course number. Former course prefix/number GEO 101)

This course is for science and non-science majors. It is a study of earth materials and processes. Included is an introduction to geochemistry, geophysics, the earth's interior, and magnetism. The earth's setting in space, minerals, rocks, structures, and geologic processes are also included. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4006015139)

### **GEOL 1404 Historical Geology (4)**

(This is a common course number. Former course prefix/number GEO 102)

This course is for science and non-science majors. It is a study of earth materials and processes within a developmental time perspective. Fossils, geologic maps, and field studies are used to interpret geologic history. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4006015139)

### **GEOL 1445 Oceanography (4)**

(This is a common course number. Former course prefix/number GEO 105)

This course covers the study of the physical and biological characteristics of the ocean. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4007035139)

### **GEOL 1470 Meteorology (4)**

(Former course prefix/number ES 115)

This course will cover weather phenomena and the modern methods of study and presentation of this information. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4007035139)

### **GEOL 2409 Introduction To Rocks And Mineral Identification (4)**

(This is a common course number. Former course prefix/number GEO 201)

Prerequisites: Geology 1403 and 1404. This course introduces crystallography, geochemistry, descriptive mineralogy, petrology, and phase equilibria. Crystal models and hand specimens are studied as an aid to rock and mineral identification. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4006015239)

### **GEOL 2470 Field Geology (4)**

(Former course prefix/number GEO 205)

Prerequisites: Eight credit hours of geology or demonstrated competence approved by the instructor. Geological features, landforms, minerals, and fossils are surveyed. Map reading and interpretation are also included. Emphasis is on the identification, classification and collection of specimens in the field. This course may be repeated for credit. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number is to be assigned. This is a unique need course.)

## GERMAN

### **GERM 1311 Beginning German (3)**

(This is a common course number.)

This course is an introduction to German speaking, comprehension, reading, writing and grammar. Cultural insights are also presented. Emphasis is on pronunciation, comprehension, and oral expression. It is strongly recommended that students who plan to study German for more than one semester enroll in German 1411 which includes an extra hour of lab per week (and an extra hour of credit for the course). Students who successfully complete German 1311 and wish to continue their studies of German may register for German 1412. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1605015131)

### **GERM 1411 Beginning German (4)**

(This is a common course number. Former course prefix/number GER 101)

The essentials of grammar and easy idiomatic prose are studied. Emphasis is on pronunciation, comprehension, and oral expression. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1605015131)

### **GERM 1412 Beginning German (4)**

(This is a common course number. Former course prefix/number GER 102)

Prerequisite: German 1411 or the equivalent. This course is a continuation of German 1411. Emphasis is on idiomatic language and complicated syntax. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1605015131)

### **GERM 2311 Intermediate German (3)**

(This is a common course number. Former course prefix/number GER 201)

Prerequisite: German 1412 or the equivalent or demonstrated competence approved by the instructor. Reading, composition, and intense oral practice are covered. Grammar is reviewed. (3 Lec.)

(Coordinating Board Academic Approval Number 1605015231)

### **GERM 2312 Intermediate German (3)**

(This is a common course number. Former course prefix/number GER 202)

Prerequisite: German 2311 or the equivalent. This course is a continuation of German 2311. Contemporary literature and composition are studied. Grammar is reviewed and expanded. (3 Lec.)

(Coordinating Board Academic Approval Number 1605015231)

## GOVERNMENT

### **GOVT 2301 American Government (3)**

(This is a common course number. Former course prefix/number GVT 201)

Prerequisite: Developmental Reading 0093 or meet TASP/Alternative Assessment Standard in Reading. This course is an introduction to the study of political science. Topics include the origin and development of constitutional democracy (United States and Texas), federalism and intergovernmental relations, local governmental relations, local government, parties, politics, and political behavior. (To ensure transferability, students should plan to take both Government 2301 and 2302 within the DCCCD.) (3 Lec.)

(Coordinating Board Academic Approval Number 4510025142)

### **GOVT 2302 American Government (3)**

(This is a common course number. Former course prefix/number GVT 202)

Prerequisite: Developmental Reading 0093 or meet TASP/Alternative Assessment Standard in Reading. The three branches of the United States and Texas government are studied. Topics include the legislative process, the executive and bureaucratic structure, the judicial process, civil rights and liberties, and domestic policies. Other topics include foreign relations and national defense. (To ensure transferability, students should plan to take both Government 2301 and 2302 within the DCCCD.) (3 Lec.)

(Coordinating Board Academic Approval Number 4510025142)

### **GOVT 2371 Introduction To Comparative Politics (3)**

(Former course prefix/number GVT 211)

A comparative examination of governments, politics, problems and policies with illustrative cases drawn from a variety of political systems. (3 Lec.)

(Coordinating Board Academic Approval Number is to be assigned. This is a unique need course.)

## GRAPHIC COMMUNICATIONS

### **(Digital Imaging)**

### **GRPH 1223 Digital Imaging I (2)**

(This is a WECM course number. Former course prefix/number GRP 100)

An introduction to digital imaging on the computer using image editing and/or image creation software. Topics include: scanning, resolution, file formats, output devices, color systems, and image-acquisitions. Laboratory fee. (1 Lec., 2 Lab.)

**GRPH 1224 Digital Imaging I (2)**

(This is a WECM course number. Former course prefix/number GRP 101)

An introduction to digital imaging on the computer using image editing and/or image creation software. Topics include: scanning, resolution, file formats, output devices, color systems, and image-acquisitions. Laboratory fee. (1 Lec., 2 Lab.)

**GRPH 1258 Object Oriented Computer Graphics (2)**

(This is a WECM course number. Former course prefix/number GRP 102)

Mastery of the tools and transformation options of an industry standard draw program to create complex illustrations and follow them through to the color output stage. Mastery in the use of basic elements of good layout and design principles and use the capabilities specific to vector (object oriented) drawing software to manipulate bot text and graphics with emphasis on the use of bezier curves. Acquisition of images via scanning and the creative use of clip art is included. Laboratory fee. (1 Lec., 2 Lab.)

**GRPH 1305 Introduction to Graphic Arts and Printing (3)**

(This is a WECM course number. Former course prefix/number GRP 103)

An introductionn to various phases of the graphic arts industry, including the history of printing, techniques involved in the production and distribution of printed materials, the kinds of printing industries and printing terminology. An introduction to printing equipment and relationship of each piece of equipment to the total plant operation and shop safety, including job planning and career data. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1309 Press Operations I (3)**

(This is a WECM course number. Former course prefix/number GRP 104)

An introduction to offset printing including knowledge and skills to operate a small offset press to print single color jobs. Emphasis on parts of the press and operation procedures, printing terminology, paper types and ink types and their uses, make ready and cleanup. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1322 Electronic Publishing I (3)**

(This is a WECM course number. Former course prefix/number GRP 105)

An introduction to computer layout and design using major components of electronic publishing including text, graphics, and page layout and design using a computer. Introduction to the basic concepts and terminology associated with typography and page layout. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1325 Digital Imaging I (3)**

(This is a WECM course number. Former course prefix/number GRP 106)

An introduction to digital imaging on the computer using image editing and/or image creation software. Topics include: scanning, resolution, file formats, output devices, color systems, and image-acquisitions. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1354 Electronic Publishing II (3)**

(This is a WECM course number. Former course prefix/number GRP 107)

Emphasis on design principles for the creation of advertising and publishing materials such as letterheads, business cards, ads, fliers, brochures, and manuals. Master of design principles regarding typography, effective use of color, special graphic effects, informational graphics and output considerations. Emphasis on techniques for planning and documenting projects and on efficient project design techniques. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1357 Digital Imaging II (3)**

(This is a WECM course number. Former course prefix/number GRP 108)

An in-depth investigation of digital imaging on the computer using image editing and/or image creation software. Manipulation, creation, and editing of digital images. Topics include: image capture, high-end work stations, image bit-depth, interaction with service bureaus and printing industries. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1359 Object Oriented Computer Graphics (3)**

(This is a WECM course number. Former course prefix/number GRP 109)

Mastery of the tools and transformation options of an industry standard draw program to create complex illustrations and follow them through to the color output stage. Mastery in the use of basic elements of good layout and design principles and use the capabilities specific to vector (object oriented) drawing software to manipulate bot text and graphics with emphasis on the use of bezier curves. Acquisition of images via scanning and the creative use of clip art is included. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1391 Special Topics in Graphic and Printing Equipment Operator (3)**

(This is a WECM course number. Former course prefix/number GRP 110)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1395 Special Topics in Computer  
Typographer and Composition Equipment Operator  
(3)**

(This is a WECM course number. Former course prefix/number GRP 111)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 1396 Special Topics in Desktop Publishing  
Equipment Operator (3)**

(This is a WECM course number. Former course prefix/number GRP 112)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 2336 Prepress Techniques (3)**

(This is a WECM course number. Former course prefix/number GRP 114)

Hands-on experience in both electronic file imaging and traditional graphics camera use. Electronic file output and troubleshooting, graphics camera knowledge, traditional film assembly, and proofing process. High-end color scanning. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 2341 Electronic Publishing III (3)**

(This is a WECM course number. Former course prefix/number GRP 113)

Advanced concepts in electronic publishing using an industry standard page layout software package. In-depth color separations, trapping and advanced techniques for controlling type and graphics. Overview of color schemes, software additions (plug-ins, filters, utilities), and preparation of files for printing. Laboratory fee. (2 Lec., 4 Lab.)

**GRPH 2381 Cooperative Education-Graphic and  
Printing Equipment Operator (3)**

(This is a WECM course number. Former course prefix/number GRP 703)

Career related activities encountered in the student's area of specialization are offered through a cooperative agreement between the college, employer, and student. Under supervision of the college and the employer, the student combines classroom learning with work experience. Directly related to a technical discipline, specific learning objectives guide the student through the paid work experience. This course may be repeated if topics and learning outcomes vary. (1 Lec., 15 Lab.)

## **HEATING, VENTILATION AND AIR CONDITIONING**

(Air Conditioning and Refrigeration Technology)

*All course descriptions in Heating, Ventilation and Air Conditioning (Air Conditioning and Refrigeration Technology) will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [<http://www.dcccd.edu/admiss/cd.htm>] or from an academic advisor beginning June 1, 1999.*

## **HISTORY**

**HIST 1301 History Of The United States (3)**

(This is a common course number. Former course prefix/number HST 101)

Prerequisite: Developmental Reading 0093 or meet TASP/Alternative Assessment Standard in Reading. The history of the United States is presented, beginning with the European background and first discoveries. The pattern of exploration, settlement, and development of institutions is followed throughout the colonial period and the early national experience to 1877. (3 Lec.)  
(Coordinating Board Academic Approval Number 4508025142)

**HIST 1302 History Of The United States (3)**

(This is a common course number. Former course prefix/number HST 102)

Prerequisite: Developmental Reading 0093 or meet TASP/Alternative Assessment Standard in Reading. The history of the United States is surveyed from the Reconstruction era to the present day. The study includes social, economic, and political aspects of American life. The development of the United States as a world power is followed. (3 Lec.)  
(Coordinating Board Academic Approval Number 4508025142)

### **HIST 2301 History of Texas from 1500 to the Present (3)**

(This is a common course number)

A survey of Texas development from early Spanish colonization (1500) to the establishment of the modern urban state. The course emphasizes the variety of influences from Indian, Spanish and American cultures. The social, political and economic evolution of the state, including the multi-ethnic character of its population, is studied. (3 Lec.)

(Coordinating Board Academic Approval Number 4508025242)

### **HIST 2311 Western Civilization (3)**

(This is a common course number. Former course prefix/number HST 105)

The civilization in the West from ancient times through the Enlightenment is surveyed. Topics include the Mediterranean world, including Greece and Rome, the Middle Ages, and the beginnings of modern history. Particular emphasis is on the Renaissance, Reformation, the rise of the national state, the development of parliamentary government, and the influences of European colonization. (3 Lec.)

(Coordinating Board Academic Approval Number 4508015442)

### **HIST 2312 Western Civilization (3)**

(This is a common course number. Former course prefix/number HST 106)

This course is a continuation of History 2311. It follows the development of Western civilization from the Enlightenment to current times. Topics include the Age of Revolution, the beginning of industrialism, 19th century, and the social, economic, and political factors of recent world history. (3 Lec.)

(Coordinating Board Academic Approval Number 4508015442)

### **HIST 2321 World Civilizations (3)**

(This is a common course number. Former course prefix/number HST 103)

This course presents a survey of ancient and medieval history with emphasis on Asian, African, and European cultures. (3 Lec.)

(Coordinating Board Academic Approval Number 4508015342)

### **HIST 2322 World Civilizations (3)**

(This is a common course number. Former course prefix/number HST 104)

This course is a continuation of History 2321. The modern history and cultures of Asia, Africa, Europe, and the Americas, including recent developments, are presented. (3 Lec.)

(Coordinating Board Academic Approval Number 4508015342)

### **HIST 2370 Latin American History (3)**

(Former course prefix/number HST 112)

This course presents developments and personalities which have influenced Latin American history. Topics include Indian cultures, the Conquistadors, Spanish administration, the wars of independence, and relations with the United States. A brief survey of contemporary problems concludes the course. (3 Lec.)

(Coordinating Board Academic Approval Number is to be assigned. This is a unique need course.)

### **HIST 2372 Advanced Historical Studies (3)**

(Former course prefix/number HST 205)

Prerequisite: Six hours of history. An in-depth study of minority, local, regional, national, or international topics is presented. This course may be repeated for credit when topics vary. (3 Lec.)

(Coordinating Board Academic Approval Number 4508015642)

### **HIST 2380 The Heritage Of Mexico (3)**

(This is a common course number. Former course prefix/number HST 110)

This course (cross-listed as Anthropology 2380) is taught in two parts each semester. The first part of the course deals with the archaeology of Mexico beginning with the first humans to enter the North American continent and culminating with the arrival of the Spanish in 1519 A.D. Emphasis is on archaic cultures, the Maya, the Toltec, and the Aztec empires. The second part of the course deals with Mexican history and modern relations between the United States and Mexico. The student may register for either History 2380 or Anthropology 2380, but may receive credit for only one of the two. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015342)

### **HIST 2381 Afro-American History (3)**

(This is a common course number. Former course prefix/number HST 120)

The role of African Americans in the history of the United States is studied. The slave trade and slavery in the United States are reviewed. Contributions of African Americans in the U.S. are described. Emphasis is on the political, economic, and sociological factors of African American life in the 20th century. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015342)

## **HUMAN DEVELOPMENT**

### **HDEV 1370 Educational And Career Planning (3)**

(Former course prefix/number HD 104)

This course is designed to teach students the ongoing process of decision-making as it relates to career/life and educational planning. Students identify the unique aspects of themselves (interests, skills, values). They investigate possible work environments and develop a plan for personal satisfaction. Job search and survival skills are also considered. (3 Lec.)

### **HDEV 1372 Cognitive Processes: The Master Student Course (3)**

(Former course prefix/number HD 108)

This course is an overview of the processes of learning, memory, perception, language and thought. Special emphasis is placed upon the practical applications of these psychological principles for students to learn, practice and adopt in support of their success in college. (3 Lec.)

(Coordinating Board Academic Approval Number to be assigned. This is a unique need course.)

### **HDEV 2315 Principles And Processes Of Personal And Social Adjustment (3)**

(Former course prefix/number HD 112. Common course number is PSYC 2315)

This course is a presentation of the ways in which the psychological principles of human behavior apply to personal and social adjustment. The course content is designed as an intensive theoretical and experiential study of interpersonal and socio-cultural relationships and an exploration of the behavioral patterns that promote effective adjustment. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015640)

## **HUMANITIES**

### **HUMA 1301 Introduction To The Humanities (3)**

(This is a common course number. Former course prefix/number HUM 101)

Introduction to the Humanities focuses on the study and appreciation of the fine and performing arts and the ways in which they reflect the values of civilizations. (3 Lec.)

(Coordinating Board Academic Approval Number 2401035135)

### **HUMA 1302 Advanced Humanities (3)**

(This is a common course number. Former course prefix/number HUM 102)

Prerequisite: Humanities 1301 or demonstrated competence approved by the instructor. Human value choices are presented through the context of the humanities. Universal concerns are explored, such as a person's relationship to self and to others and the search for meaning. The human as a loving, believing and hating being is also studied. Emphasis is on the human as seen by artists, playwrights, film makers, musicians, dancers, philosophers, and theologians. The commonality of human experience across cultures and the premises for value choices are also stressed. (3 Lec.)

(Coordinating Board Academic Approval Number 2401035135)

## **INTERPRETER TRAINING PROGRAM**

(See Eastfield Interpreter Training Program)

## **JAPANESE**

### **JAPN 1311 Beginning Japanese (3)**

(This is a common course number.)

This course is an introduction to Japanese speaking, comprehension, reading, writing and grammar. Cultural insights are also presented. Emphasis is on pronunciation, comprehension, and oral expression. It is strongly recommended that students who plan to study Japanese for more than one semester enroll in Japanese 1411 which includes an extra hour of lab per week (and an extra hour of credit for the course). Students who successfully complete Japanese 1311 and wish to continue their studies of Japanese may register for Japanese 1412. Laboratory fee. (3 Lec., 1 Lab.) (Coordinating Board Academic Approval Number 1603025131)

### **JAPN 1411 Beginning Japanese (4)**

(This is a common course number. Former course prefix/number JPN 101)

This course focuses on basic conversation, reading, and writing. Students will also be introduced to Japanese culture, customs and institutions. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1603025131)

### **JAPN 1412 Beginning Japanese (4)**

(This is a common course number. Former course prefix/number JPN 102)

Prerequisite: Japanese 1411 or the equivalent. This course is a continuation of Japanese 1411. Conversation, reading, and writing are continued. Students will continue study of Japanese culture, customs and institutions. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1603025131)

### **JAPN 2311 Intermediate Japanese (3)**

(This is a common course number. Former course prefix/number JPN 201)

Prerequisite: Japanese 1411 and Japanese 1412 or the equivalent. Reading, writing, and intense oral practice are covered. Japanese language structures, vocabulary and the phonetic system are reviewed. The study of culture and institutions is continued. (3 Lec.)

(Coordinating Board Academic Approval Number 1603025231)

### **JAPN 2312 Intermediate Japanese (3)**

(This is a common course number. Former course prefix/number JPN 202)

Prerequisite: Japanese 2311 or the equivalent. This course is a continuation of Japanese 2311. Reading, writing, and intense oral practice are continued. (3 Lec.) (Coordinating Board Academic Approval Number 1603025231)



## JOURNALISM

**NOTE:** These courses will carry a Dallas County Community College prefix of "JOUR"; however, most can be identified by a Common Course Number for transfer evaluation purposes. Both are listed in the course descriptions.

### **JOUR 1129 Student Publications (1)**

(Former course prefix/number JN 106. The common course number is COMM 1129)

**Prerequisite:** Demonstrated competence approved by the instructor. This course may not be taken for credit concurrently with Journalism 2311 or 2315. This course is a continuation of Journalism 2132. (3 Lab.)

(Coordinating Board Academic Approval Number 0904015426)

### **JOUR 1307 Introduction To Mass Communications (3)**

(Former course prefix/number JN 101. The common course number is COMM 1307)

This course surveys the field of mass communications. Emphasis is on the role of mass media in modern society. (3 Lec.)

(Coordinating Board Academic Approval Number 0904035126)

### **JOUR 1335 Survey Of Broadcasting (3)**

(Former course prefix/number JN 203. The common course number is COMM 1335)

This course stresses broadcast organization and operations and includes the theoretical and historical aspects of broadcasting. It introduces students to the social, political, technical and economic aspects of the broadcasting industry. (3 Lec.)

(Coordinating Board Academic Approval Number 0904035226)

### **JOUR 2129 Student Publications (1)**

(Former course prefix/number JN 104. The common course number is COMM 2129)

**Prerequisite:** Demonstrated competence approved by the instructor. This course may not be taken for credit concurrently with Journalism 2311 or 2315. Individual staff assignments are made for the student newspaper. Assignments may be made in writing, advertising, photography, cartooning, or editing. Student are required to work at prescribed periods under supervision and must attend staff meetings. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 0904015426)

### **JOUR 2130 Student Publications (1)**

(Former course prefix/number JN 105. The common course number is COMM 2130)

**Prerequisite:** Demonstrated competence approved by the instructor. This course may not be taken for credit concurrently with Journalism 2311 or 2315. This course is a continuation of Journalism 2131. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 0904015426)

### **JOUR 2309 News Editing And Copy Reading (3)**

(Former course prefix/number JN 204. The common course number is COMM 2309)

**Prerequisite:** Journalism 2311. This course focuses on editing news for newspaper, radio, and television. Emphasis is on writing headlines and laying out pages. (3 Lec.)

(Coordinating Board Academic Approval Number 0904015326)

### **JOUR 2311 News Gathering And Writing (3)**

(Former course prefix/number JN 102. The common course number is COMM 2311)

**Prerequisite:** Typing ability. This course focuses upon recognizing newsworthy events, gathering information and writing the straight news story. It provides a basis for future study in newspaper and magazine writing, advertising, broadcast journalism and public relations. Students are required to write for the campus newspaper. (2 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 0904015726)

### **JOUR 2315 News Gathering And Writing II (3)**

(Former course prefix/number JN 103. The common course number is COMM 2315)

**Prerequisite:** Journalism 2311 or professional experience approved by the instructor. This course is a continuation of Journalism 2311. Students study and practice writing more complex stories, such as features, profiles, follow-up stories, and sidebars. Students are required to write for the campus newspaper. (2 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 0904015826)

### **JOUR 2327 Principles Of Advertising (3)**

(Former course prefix/number JN 202. The common course number is COMM 2327)

Fundamentals of advertising, including advertising appeals, print and broadcast copy writing, and design and selection of media will be covered. Typography as it relates to advertising is stressed. The course will provide students with the concepts they will need to go into the advertising field and into advanced advertising courses. (3 Lec.)

(Coordinating Board Academic Approval Number 0902015126)

## MANAGEMENT

*All course descriptions in Management will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/cd.htm] or from an academic advisor beginning June 1, 1999.*

## MARKETING CAREERS

*All course descriptions in Marketing Careers will be revised prior to Fall 1999. Revised curriculum changes can be accessed and viewed on the Dallas County Community College District homepage at [http://www.dcccd.edu/admiss/cd.htm] or from an academic advisor beginning June 1, 1999.*

## MATHEMATICS

(See Developmental Mathematics also. Supplementary instruction in mathematics is available through the learning center.)

*MATH 1314 is a 3 credit hour lecture course. MATH 1414 is a 4 credit hour lecture and laboratory course. Either course will meet degree requirements.*

### **MATH 1314 College Algebra (3)**

(This is a common course number. Former course prefix/number MTH 101)

Prerequisites: Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0099 or Developmental Mathematics 0093. This course is a study of relations and functions including polynomial, rational, exponential, logarithmic, and special functions. Other topics include complex numbers, systems of equations and inequalities, theory of equations, progressions, the binomial theorem, proofs, and applications. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015437)

### **MATH 1316 Plane Trigonometry (3)**

(This is a common course number. Former course prefix/number MTH 102)

Prerequisite: Mathematics 1314 or Mathematics 1414 or equivalent, or approval of instructor. This course is a study of angular measures, functions of angles, identities, solutions of triangles, equations, inverse trigonometric functions, and complex numbers. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015337)

### **MATH 1324 Mathematics For Business And Economics I (3)**

(This is a common course number. Former course prefix/number MTH 111)

Prerequisites: Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0099 or Developmental Mathematics 0093. This course includes equations, inequalities, matrices, linear programming; linear, quadratic, polynomial, rational, exponential, and logarithmic functions; and probability. Applications to business and economics problems are emphasized. (3 Lec.)

(Coordinating Board Academic Approval Number 2703015237)

### **MATH 1325 Mathematics For Business And Economics II (3)**

(This is a common course number. Former course prefix/number MTH 112)

Prerequisite: Mathematics 1324. This course includes limits, differential calculus, integral calculus, and appropriate applications. (3 Lec.)

(Coordinating Board Academic Approval Number 2703015237)

### **MATH 1332 College Mathematics I (3)**

(This is a common course number. Former course prefix/number MTH 115)

Prerequisites: Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0099 or Developmental Mathematics 0093. Designed for liberal arts students, this course includes the study of sets, logic, sets of numbers, and mathematical systems. Additional topics will be selected from mathematics of finance, introduction to computers, introduction to statistics, and introduction to matrices. Recreational and historical aspects of selected topics are also included. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015137)

### **MATH 1333 College Mathematics II (3)**

(This is a common course number. Former course prefix/number MTH 116)

Prerequisites: Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0099 or Developmental Mathematics 0093. Designed for liberal arts students, this course includes the study of algebra, linear programming, permutations, combinations, probability, and geometry. Recreational and historical aspects of selected topics are also included. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015137)

**MATH 1335 Fundamental Concepts Of Mathematics For Elementary Teachers (3)**

(This is a common course number. Former course prefix/number MTH 117)

Prerequisites: Two years of high school algebra and an appropriate assessment test score or Developmental Mathematics 0099 or Developmental Mathematics 0093. This course includes the structure of the real number system and geometry. Emphasis is on the development of mathematical reasoning needed for elementary teachers. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015137)

**MATH 1342 Introductory Statistics (3)**

(This is a common course number. Former course prefix/number MTH 202)

Prerequisite: Two years of high school algebra and an appropriate test score or Developmental Mathematics 0099 or Developmental Mathematics 0093. This course is a study of collection and tabulation of data, bar charts, graphs, sampling, measures of central tendency and variability, correlation, index numbers, statistical distributions, probability, and application to various fields. (3 Lec.)

(Coordinating Board Academic Approval Number 2705015137)

**MATH 1348 Analytic Geometry (3)**

(This is a common course number. Former course prefix/number MTH 121)

Prerequisite: Mathematics 1316 or equivalent. This course is a study of the real numbers, distance, the straight line, conics, transformation of coordinates, polar coordinates, parametric equations, and three-dimensional space. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015537)

**MATH 1371 Business Mathematics (3)**

(Former course prefix/number MTH 130)

Prerequisites: An appropriate assessment test score. This course is a study of quantitative concepts in solving problems in various business areas. Topics include: simple and compound interest, present and future value of an annuity, amortization, sinking funds, bank discounts, payrolls, taxes, insurance, mark up, mark down, depreciation, purchase discounts, corporate and government securities, and other problems of elementary mathematical applications to business finance. (3 Lec.)

**MATH 1372 Mathematics for Allied Health (3)**

(Former course prefix/number MTH 136)

Prerequisite: Developmental Mathematics 0090 or an appropriate test score. This course is a study of percents, apothecary system, metric system, linear equations, literal equations, gas laws, magnification laws, and statistics which includes histograms, bar graphs, pie-charts, averages, standard deviations and variances. Also included are basic concepts of geometry. (3 Lec.)

**MATH 1373 Applied Mathematics (3)**

(Former course prefix/number MTH 139)

The course is a study of commercial, technical, and other applied uses of mathematics. Topics vary to fit the needs of the students enrolled in a particular technical/occupational program. The prerequisite will vary accordingly and be determined by the needed skills. (3 Lec.)

**MATH 1374 Technical Mathematics I (3)**

(Former course prefix/number MTH 195)

Prerequisites: One year of high school algebra and an appropriate assessment test score or Developmental Mathematics 0097 or Developmental Mathematics 0091 or equivalent. This course is designed for technical students. It covers the basic concepts and fundamental facts of plane and solid geometry, computational techniques and devices, units and dimensions, the terminology and concepts of elementary algebra, functions, coordinate systems, simultaneous equations, and stated problems. (3 Lec.)

*MATH 1414 is a 4 credit hour lecture and laboratory course. MATH 1314 is a 3 credit hour lecture course. Either course will meet degree requirements.*

**MATH 1414 College Algebra (4)**

(Former course prefix/number MTH 103)

Prerequisites: Two years of high school algebra and an appropriate assessment score or Developmental Mathematics 0099 or Developmental Mathematics 0093. This course is a study of relations and functions including polynomial, rational, exponential, logarithmic, and special functions. Other topics include complex numbers, systems of equations and inequalities, theory of equations, progressions, the binomial theorem, proofs, and applications. (4 Lec.)

(Coordinating Board Academic Approval Number is 2701015437.)

**MATH 2315 Calculus III (3)**

(This is a common course number. Former course prefix/number MTH 226)

Prerequisite: Mathematics 2414 or equivalent. This course is a study of topics in vector calculus, functions of several variables, and multiple integrals, with applications. (3 Lec.)

(Coordinating Board Academic Approval Number 2701015937)

**MATH 2318 Linear Algebra (3)**

(This is a common course number. Former course prefix/number MTH 221)

Prerequisite: Mathematics 2513 or equivalent. This course is a study of matrices, linear equations, dot products, cross products, geometrical vectors, determinants, n-dimensional space, and linear transformations. (3 Lec.)

(Coordinating Board Academic Approval Number 2701016137)

**MATH 2320 Differential Equations (3)**

(This is a common course number. Former course prefix/number MTH 230)

Prerequisite: Mathematics 2414 or demonstrated competence approved by the instructor. This course is a study of ordinary differential equations, including linear equations, systems of equations, equations with variable coefficients, existence and uniqueness of solutions, series solutions, singular points, transform methods, boundary value problems, and applications. (3 Lec.)  
(Coordinating Board Academic Approval Number 2703015137)

**MATH 2412 Precalculus Mathematics (4)**

(This is a common course number. Former course prefix/number MTH 109)

Prerequisites: An appropriate assessment test score and either high school pre-AP precalculus or trigonometry, or Mathematics 1316. This course consists of the study of algebraic and trigonometric topics including polynomial, rational, exponential, logarithmic and trigonometric functions and their graphs. Conic sections, polar coordinates, and other topics of analytic geometry will be included. (4 Lec.)  
(Coordinating Board Academic Approval Number 2701015837)

**MATH 2414 Calculus II (4)**

(This is a common course number. Former course prefix/number MTH 225)

Prerequisite: Mathematics 2513 or equivalent. This course is a study of techniques of integration, polar coordinates, parametric equations, topics in vector calculus, sequences, series, indeterminate forms, and partial differentiation with applications. (4 Lec.)  
(Coordinating Board Academic Approval Number 2701015937)

**MATH 2513 Calculus I (5)**

(This is a common course number. Former course prefix/number MTH 124)

Prerequisite: Mathematics 2412 or Mathematics 1348 or equivalent. This course is a study of limits, continuity, derivatives, and integrals of algebraic and transcendental functions, with applications. (5 Lec.)  
(Coordinating Board Academic Approval Number 2701015937)

**MUSIC**

(Music [MUSI] and Applied Music [MUAP])

**MUSI 1116 Musicianship I (1)**

(This is a common course number. Former course prefix/number MUS 161)

Prerequisite: Music 1300 and 1371 or demonstrated competence approved by the instructor. Keyboard skills and aural skills (including sight-singing and ear training) are developed. It is recommended that students enrolled in Music 1311 enroll in this course. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009045630)

**MUSI 1117 Musicianship II (1)**

(This is a common course number. Former course prefix/number MUS 162)

Prerequisite: Music 1116. This course is a continuation of Music 1116. It is recommended that students enrolled in Music 1312 enroll in this course. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009045630)

**MUSI 1123 Orchestra (1)**

(This is a common course number. Former course prefix/number MUS 170)

Prerequisite: Demonstrated competence approved by the instructor. Experience is provided in performing and reading orchestral literature and in participating in the college orchestra. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035530)

**MUSI 1125 Jazz Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 184)

Prerequisite: Demonstrated competence approved by the instructor. The jazz ensemble rehearses and performs a variety of jazz styles. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035530)

**MUSI 1132 Keyboard Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 174)

Prerequisite: Demonstrated competence approved by the instructor. A group of keyboard instrumentalists read and perform literature for small ensembles. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1133 Woodwind Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 171)

Prerequisite: Demonstrated competence approved by the instructor. A group of woodwind instrumentalists read and perform literature for small ensembles. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1134 Brass Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 172)

Prerequisite: Demonstrated competence approved by the instructor. A group of brass instrumentalists read and perform literature for small ensembles. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1137 Guitar Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 103)

Music composed and arranged for a guitar ensemble is performed. Works for a guitar and a different instrument or for guitar and a voice are also included. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1138 Percussion Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 173)

Prerequisite: Demonstrated competence approved by the instructor. A group of percussion instrumentalists read and perform literature for small ensembles. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1139 String Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 175)

Prerequisite: Demonstrated competence approved by the instructor. A group of string instrumentalists read and perform literature for small ensembles. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1140 Symphonic Wind Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 176)

Prerequisite: Demonstrated competence approved by the instructor. In the symphonic wind ensemble, students study and perform stylistic literature of all periods. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1143 Vocal Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 155)

Prerequisite: Demonstrated competence approved by the instructor. Activities include study and performance of specialized choral literature suitable for more advanced students. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035730)

**MUSI 1151 Chamber Ensemble (1)**

(This is a common course number. Former course prefix/number MUS 177)

Prerequisite: Demonstrated competence approved by the instructor. A group of chamber instrumentalists or vocalists read and perform literature for small ensembles. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035830)

**MUSI 1152 Madrigal Singers (1)**

(This is a common course number. Former course prefix/number MUS 156)

A group of vocalists read and perform literature for small ensembles. Membership is by audition with the appropriate director. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035830)

**MUSI 1160 Italian Diction (1)**

(This is a common course number. Former course prefix/number MUS 105)

The phonetic sounds of the Italian language are studied. Included is selected vocabulary. This course is primarily for voice majors. (2 Lab.)

(Coordinating Board Academic Approval Number 5009085330)

**MUSI 1161 English Diction (1)**

(This is a common course number. Former course prefix/number MUS 108)

The phonetic sounds of the English language are studied. Included is selected vocabulary. This course is primarily for voice majors. (2 Lab.)

(Coordinating Board Academic Approval Number 5009085330)

**MUSI 1170 Synthesizer Class I (1)**

(Former course prefix/number MUS 147)

Prerequisite: Music 1181 or prior keyboard experience. This course is an entry-level performance course designed to teach students the basic theoretical concepts and performance skills necessary to perform on synthesizers. (3 Lab.)

(Coordinating Board Academic Approval Number 5009037130)

**MUSI 1172 Synthesizer Class II (1)**

(Former course prefix/number MUS 148)

Prerequisite: Music 1170 or prior music synthesizer experience. This course is a continuation of Music 1170. This course emphasizes the rehearsal and performance of commercial music styles. FM synthesis is introduced and a variety of programmable equipment is surveyed including drum machines, sequencers, digital samplers and computer software. (3 Lab.)

(Coordinating Board Academic Approval Number 5009037130)

**MUSI 1181 Piano Class I (1)**

(This is a common course number. Former course prefix/number MUS 117)

This course is primarily for students with no piano background. It develops basic musicianship and piano skills. This course may be repeated for credit. (2 Lab.)

(Coordinating Board Academic Approval Number 5009075130)

**MUSI 1182 Piano Class II (1)**

(This is a common course number. Former course prefix/number MUS 118)

Prerequisite: Music 1181 or demonstrated competence approved by the instructor. The study of piano is continued. Included are technique, harmonization, transposition, improvisation, accompanying, sight reading, and performing various styles of repertoire. This course may be repeated for credit. (2 Lab.)

(Coordinating Board Academic Approval Number 5009075130)

**MUSI 1183 Voice Class I (1)**

(This is a common course number. Former course prefix/number MUS 151)

This course is for non-voice majors. It presents the principles of breathing, voice production, tone control, enunciation, and phrasing in two group lessons a week. This course may be repeated for credit. (2 Lab.)  
(Coordinating Board Academic Approval Number 5009085130)

**MUSI 1184 Voice Class II (1)**

(This is a common course number. Former course prefix/number MUS 152)

This course is a continuation of Music 1183. It is open to all non-voice majors. Emphasis is on solo singing, appearance in studio recital, stage deportment, and personality development. Two group lessons are given a week. This course may be repeated for credit. (2 Lab.)  
(Coordinating Board Academic Approval Number 5009085130)

**MUSI 1192 Guitar Class I (1)**

(This is a common course number. Former course prefix/number MUS 119)

This course is primarily for students with limited knowledge in reading music or playing the guitar. It develops basic guitar skills. This course may be repeated for credit. (2 Lab.)  
(Coordinating Board Academic Approval Number 5009035130)

**MUSI 1193 Guitar Class II (1)**

(This is a common course number. Former course prefix/number MUS 120)

Prerequisite: Music 1192 or demonstrated competence approved by the instructor. This course is a continuation of Music 1192. Emphasis is on classical guitar techniques and music reading skills. This course may be repeated for credit. (2 Lab.)  
(Coordinating Board Academic Approval Number 5009035130)

**MUSI 1237 Band (1)**

(This is a common course number. Former course prefix/number MUS 160)

Prerequisite: Demonstrated competence approved by the instructor. The band studies and performs a wide variety of music in all areas of band literature. This course may be repeated for credit. (3 Lab.)  
(Coordinating Board Academic Approval Number 5009035630)

**MUSI 1263 Jazz Improvisation (2)**

(This is a common course number. Former course prefix/number MUS 115)

The art of improvisation is introduced. Basic materials, aural training, analysis, and common styles are presented. This course may be repeated for credit. (1 Lec., 2 Lab.)  
(Coordinating Board Academic Approval Number 5009036530)

**MUSI 1271 Computerized Music Production I (2)**

(Former course prefix/number MUS 189)

This course serves as an introduction to computer-based music production. Areas covered include basic operation of synthesizers, sequencers, music scoring programs, and synthesizer editing programs. (2 Lec., 2 Lab.)

**MUSI 1300 Foundations Of Music I (3)**

(This is a common course number. Former course prefix/number MUS 113)

This course is the initial course to prepare students with limited music training for Music 1311. It focuses on notation (music reading), musical terminology, analysis, listening to and creating rhythmic and melodic responses. (3 Lec.)  
(Coordinating Board Academic Approval Number 5009045430)

**MUSI 1304 Foundations Of Music II (3)**

(This is a common course number. Former course prefix/number MUS 114)

Prerequisite: Music 1300 or demonstrated competence approved by the instructor. This course prepares students with limited music training for Music 1311 and increases their general music understanding. Emphasis is on rhythmic and melodic training, chord functions, melody, textures, and basic analysis of music. (3 Lec.)  
(Coordinating Board Academic Approval Number 5009045430)

**MUSI 1306 Music Appreciation (3)**

(This is a common course number. Former course prefix/number MUS 104)

The basic elements of music are surveyed and examined in the music literature of western civilization, particularly from the Baroque Period to the present. Cultural influences on the music of each era are observed. (3 Lec.)  
(Coordinating Board Academic Approval Number 5009025130)

**MUSI 1308 Music Literature (3)**

(This is a common course number. Former course prefix/number MUS 110)

The music of recognized composers in the major periods of music history is examined. Topics include the characteristics of sound, elements of music, performance media, and musical texture. Emphasis is on the music of the late Gothic, Renaissance, and Baroque eras. (3 Lec.)  
(Coordinating Board Academic Approval Number 5009025230)

**MUSI 1309 Music Literature (3)**

(This is a common course number. Former course prefix/number MUS 111)

This course is a continuation of Music 1308. The compositional procedures and forms used by composers are studied. Emphasis is on the Classical, Romantic, and Modern periods. (3 Lec.)  
(Coordinating Board Academic Approval Number 5009025230)

**MUSI 1310 History Of Jazz/Rock Music (3)**

(This is a common course number. Former course prefix/number MUS 166)

The study of social and musical influences on Jazz/Rock music and the influence of Jazz/Rock Music on society and the music industry. This course may be repeated for credit. (3 Lec.)

(Coordinating Board Academic Approval Number 5009025330)

**MUSI 1311 Music Theory I (3)**

(This is a common course number. Former course prefix/number MUS 145)

Prerequisite: Music 1300 and 1371 or demonstrated competence approved by the instructor. This course is designed for music majors and minors. Emphasis is on notation, cadences, classification of diatonic triads, scales, and modes. It is recommended that students enrolled in Music 1116 enroll in this course. (3 Lec.)

(Coordinating Board Academic Approval Number 5009045130)

**MUSI 1312 Music Theory II (3)**

(This is a common course number. Former course prefix/number MUS 146)

Prerequisite: Music 1311 or demonstrated competence approved by the instructor. This course focuses on part-writing and harmonization with triads and their inversions. Also included is a chord vocabulary expanded to include materials from the common practice period as well as contemporary periods. It is recommended that students enrolled in Music 1117 enroll in this course. (3 Lec.)

(Coordinating Board Academic Approval Number 5009045130)

**MUSI 1372 Digital Music Production (3)**

(Former course prefix/number MUS 153)

Prerequisite: One semester of music theory and keyboard or demonstrated competence approved by the instructor. This course is designed to introduce major/non-major music students to the MIDI technology as an extension of the music theory/keyboard curriculum. Various MIDI devices, computer hardware, and computer software will be explored. This course may be repeated for credit. (2 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number is 5009035630.)

**MUSI 1373 Digital Music Production (3)**

(Former course prefix/number MUS 154)

Prerequisite: Successful completion of Music 1372 or demonstrated competence approved by the instructor. This course is a continuation of Music 1372 and will present advanced concepts in music production. This course may be repeated for credit. (2 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number is 5009045130.)

**MUSI 1376 Jazz Workshop (3)**

(Former course prefix/number MUS 194)

This course is for the advanced instrumentalist and vocalist. Jazz is performed in recitals and scheduled functions. Discussion, analysis, writing, rehearsing, improvising, and style are emphasized. Articulating, phrasing, and conducting jazz compositions are discussed with guest artists who work and perform with the group periodically. (3 Lec.)

**MUSI 2116 Musicianship III (1)**

(This is a common course number. Former course prefix/number MUS 271)

Prerequisite: Music 1116 and 1117 or demonstrated competence approved by the instructor. Keyboard and aural skills (including sight-singing and ear training) are developed. It is recommended that students enrolled in Music 2311 enroll in this course. (3 Lab.)

(Coordinating Board Academic Approval Number 5009045730)

**MUSI 2118 Musicianship IV (1)**

(This is a common course number. Former course prefix/number MUS 272)

Prerequisite: Music 2116 or demonstrated competence approved by the instructor. This course is a continuation of Music 2116. It is recommended that students enrolled in Music 2312 enroll in this course. (3 Lab.)

(Coordinating Board Academic Approval Number 5009045730)

**MUSI 2143 Chorus (1)**

(This is a common course number. Former course prefix/number MUS 150)

Prerequisite: Demonstrated competence approved by the instructor. A wide variety of music representing the literature of the great eras of music history is studied and performed. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035730)

**MUSI 2160 German Diction (1)**

(This is a common course number. Former course prefix/number MUS 107)

The phonetic sounds of the German language are studied. Included is selected vocabulary. This course is primarily for voice majors. (2 Lab.)

(Coordinating Board Academic Approval Number 5009085330)

**MUSI 2161 French Diction (1)**

(This is a common course number. Former course prefix/number MUS 106)

The phonetic sounds of the French language are studied. Included is selected vocabulary. This course is primarily for voice majors. (2 Lab.)

(Coordinating Board Academic Approval Number 5009085330)

**MUSI 2181 Piano Class III (1)**

(This is a common course number. Former course prefix/number MUS 217)

Prerequisite: Music 1181 and 1182 or demonstrated competence approved by the instructor. This course is a continuation of functional keyboard skills, including harmonization, sight-reading, accompanying styles, improvisation, and technical exercises. It is designed for the music major preparing for the piano proficiency exam, but is also open to any interested student. It is recommended that music majors also study privately. (2 Lab.)

(Coordinating Board Academic Approval Number 5009075130)

**MUSI 2182 Piano Class IV (1)**

(This is a common course number. Former course prefix/number MUS 218)

Prerequisite: Music 2181 or demonstrated competence of the instructor. This course is a continuation of functional keyboard skills in Music 2181 with greater emphasis on advanced harmonization and appropriate technical skills. It is designed as a preparation for the piano proficiency exam for the music major, but is also open to any interested student. It is recommended that music majors also study privately. (2 Lab.)

(Coordinating Board Academic Approval Number 5009075130)

**MUSI 2237 Lab Band (1)**

(This is a common course number. Former course prefix/number MUS 181)

Prerequisite: Demonstrated competence approved by the instructor. Students study and perform various forms of commercial music, such as jazz, pop, avant-garde, and fusion. Student arranging, composing, and conducting are encouraged. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 5009035630)

**MUSI 2311 Music Theory III (3)**

(This is a common course number. Former course prefix/number MUS 245)

Prerequisite: Music 1311 and 1312 or demonstrated competence approved by the instructor. This course is a continuation of the study of music theory. It includes the materials of modulation, larger forms, and thematic development, and more advanced analysis. It is recommended that students enrolled in Music 2116 enroll in this course. (3 Lec.)

(Coordinating Board Academic Approval Number 5009045230)

**MUSI 2312 Music Theory IV (3)**

(This is a common course number. Former course prefix/number MUS 246)

Prerequisite: Music 2311 or demonstrated competence approved by the instructor. This course is a continuation of the topics developed in Music 2311. The preceding materials are expanded to include melody, harmony, tonality, and the formal processes of 20th century music. It is recommended that students enrolled in Music 2118 enroll in this course. (3 Lec.)

(Coordinating Board Academic Approval Number 5009045230)

**MUSI 2371 Independent Study (3)**

(Former course prefix/number MUS 293)

This course is for advanced work in music and is designed to meet specific needs of the student. On approval of the instructor and division chairperson, the student prepares and executes a written contract (proposal for learning). Credit is given upon completion of all aspects of the contract. This course may be repeated for credit. (3 Lec.)

**MUSI 9176 Recital (1)**

(Former course prefix/number MUS 199)

This is an on-campus concert/seminar series designed to provide a laboratory and listening experience as an extension of classroom music studies. Concerts, seminars and workshops are presented by guest artists and lecturers, faculty members and students. This is a one-hour credit course and may be repeated for credit. (2 Lab.)

**MUAP 1101-1181 Applied Music-Minor (1)**

This course is open to students enrolled in music theory, ensembles, and other music major and minor courses. It provides private instruction in the student's secondary area and consists of a one-half hour lesson a week. Private music may be repeated for credit. Laboratory fee required. (1 Lec.)

**MUAP 1101 Applied Music-Violin (1)**

(This is a common course number. Former course prefix/number MUS 124)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1105 Applied Music-Viola (1)**

(This is a common course number. Former course prefix/number MUS 125)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1109 Applied Music-Cello (1)**

(This is a common course number. Former course prefix/number MUS 126)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1113 Applied Music-Double Bass (1)**

(This is a common course number. Former course prefix/number MUS 127)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1115 Applied Music-Electric Bass (1)**

(This is a common course number. Former course prefix/number MUS 141)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1117 Applied Music-Flute (1)**

(This is a common course number. Former course prefix/number MUS 128)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1121 Applied Music-Oboe (1)**

(This is a common course number. Former course prefix/number MUS 129)

(Coordinating Board Academic Approval Number 5009035430)



**MUAP 1125 Applied Music-Bassoon (1)**  
(This is a common course number. Former course prefix/number MUS 131)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1129 Applied Music-Clarinet (1)**  
(This is a common course number. Former course prefix/number MUS 130)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1133 Applied Music-Saxophone (1)**  
(This is a common course number. Former course prefix/number MUS 132)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1137 Applied Music-Trumpet (1)**  
(This is a common course number. Former course prefix/number MUS 133)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1141 Applied Music-French Horn (1)**  
(This is a common course number. Former course prefix/number MUS 134)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1145 Applied Music-Trombone (1)**  
(This is a common course number. Former course prefix/number MUS 135)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1149 Applied Music-Baritone (1)**  
(This is a common course number. Former course prefix/number MUS 136)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1153 Applied Music-Tuba (1)**  
(This is a common course number. Former course prefix/number MUS 137)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1157 Applied Music-Percussion (1)**  
(This is a common course number. Former course prefix/number MUS 138)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1158 Applied Music-Drum Set (1)**  
(This is a common course number. Former course prefix/number MUS 143)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1161 Applied Music-Guitar (1)**  
(This is a common course number. Former course prefix/number MUS 140)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1165 Applied Music-Organ (1)**  
(This is a common course number. Former course prefix/number MUS 122)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1169 Applied Music-Piano (1)**  
(This is a common course number. Former course prefix/number MUS 121)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1177 Applied Music-Harp (1)**  
(This is a common course number. Former course prefix/number MUS 139)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 1181 Applied Music-Voice (1)**  
(This is a common course number. Former course prefix/number MUS 123)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2201-2281 Applied Music-Concentration (2)**  
This course is open to students enrolled in music theory, ensembles, or other music major and minor courses. It provides private instruction in the area of the student's concentration and consists of one hour of instruction per week. Private music may be repeated for credit. Laboratory fee required. (1 Lec.)

**MUAP 2201 Applied Music-Violin (2)**  
(This is a common course number. Former course prefix/number MUS 224)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2205 Applied Music-Viola (2)**  
(This is a common course number. Former course prefix/number MUS 225)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2209 Applied Music-Cello (2)**  
(This is a common course number. Former course prefix/number MUS 226)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2213 Applied Music-Double Bass (2)**  
(This is a common course number. Former course prefix/number MUS 227)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2215 Applied Music-Electric Bass (2)**  
(This is a common course number. Former course prefix/number MUS 241)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2217 Applied Music-Flute (2)**  
(This is a common course number. Former course prefix/number MUS 228)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2221 Applied Music-Oboe (2)**  
(This is a common course number. Former course prefix/number MUS 229)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2225 Applied Music-Bassoon (2)**  
(This is a common course number. Former course prefix/number MUS 231)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2229 Applied Music-Clarinet (2)**  
(This is a common course number. Former course prefix/number MUS 230)  
(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2233 Applied Music-Saxophone (2)**

(This is a common course number. Former course prefix/number MUS 232)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2237 Applied Music-Trumpet (2)**

(This is a common course number. Former course prefix/number MUS 233)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2241 Applied Music-French Horn (2)**

(This is a common course number. Former course prefix/number MUS 234)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2245 Applied Music-Trombone (2)**

(This is a common course number. Former course prefix/number MUS 235)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2249 Applied Music-Baritone (2)**

(This is a common course number. Former course prefix/number MUS 236)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2253 Applied Music-Tuba (2)**

(This is a common course number. Former course prefix/number MUS 237)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2257 Applied Music-Percussion (2)**

(This is a common course number. Former course prefix/number MUS 238)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2258 Applied Music-Drum Set (2)**

(This is a common course number. Former course prefix/number MUS 243)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2261 Applied Music-Guitar (2)**

(This is a common course number. Former course prefix/number MUS 240)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2265 Applied Music-Organ (2)**

(This is a common course number. Former course prefix/number MUS 222)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2269 Applied Music-Piano (2)**

(This is a common course number. Former course prefix/number MUS 221)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2277 Applied Music-Harp (2)**

(This is a common course number. Former course prefix/number MUS 239)

(Coordinating Board Academic Approval Number 5009035430)

**MUAP 2281 Applied Music-Voice (2)**

(This is a common course number. Former course prefix/number MUS 223)

(Coordinating Board Academic Approval Number 5009035430)

## NUTRITION

**NUTR 1322 Principles of Nutrition (3)**

(Former course prefix/number NTR 101. Common Course Number is HECO 1322)

This is an introduction to human nutrition. Topics will include classes, sources, and function of nutrients, digestion and absorption, and metabolism with applications to normal and therapeutic nutritional needs. (3 Lec.)

(Coordinating Board Academic Approval Number 1905025133)

## OFFICE TECHNOLOGY

**OFCT 1170 Contemporary Topics In Office Technology (1)**

(Former course prefix/number OFC 143)

Prerequisites: Demonstrated competence approved by the instructor. This course emphasizes current topics of interest in office technology fields. Realistic solutions to problems relevant to the needs of industry are presented. This course may be repeated for credit with different emphasis up to six hours. (1 Lec.)

**OFCT 1171 Keyboarding (1)**

(Former course prefix/number OFC 176)

This course is for students with no previous training in typing. Alphabetic keys, numeric keys, and symbol keys are covered. Fundamental techniques are refined, and speed is developed. Laboratory fee. (1 Lec., 1 Lab.)

**OFCT 1172 Introduction To Word Processing (1)**

(Former course prefix/number OFC 182)

Prerequisites: Office Technology 1375 or demonstrated competence approved by the instructor. This course introduces the fundamental techniques required in the operation of word processing software. Basic concepts of electronic storage and retrieval involved in creating, printing, centering, and revising documents are introduced. May be repeated for credit using different software. Laboratory fee. (1 Lec., 1 Lab.)

**OFCT 1173 Keyboarding For Speed And Accuracy (1)**

(Former course prefix/number OFC 183)

This course provides intensive practice drills for developing speed and accuracy on one-, three-, and five-minute writings. May be taken concurrently with Intermediate Keyboarding or Advanced Keyboarding Applications. May be repeated for credit. Laboratory fee. (1 Lec., 1 Lab.)

**OFCT 1175 Office Machines I (1)**

(Former course prefix/number OFC 192)

Business mathematical skills needed to operate office calculators are reviewed. Speed and accuracy skills using ten-key touch are developed. Laboratory fee. (1 Lec.)

**OFCT 1270 Contemporary Topics In Office Technology (2)**

(Former course prefix/number OFC 144)

Prerequisites: Will vary based on topics covered and will be annotated in each semester's class schedule. Current developments in the rapidly changing field of office technology are studied. This course may be repeated for credit when topics vary. (2 Lec.)

**OFCT 1271 Office Information Systems Concepts (2)**

(Former course prefix/number OFC 179)

Prerequisite: Office Technology 1375. This course introduces information/word processing and describes its effect on traditional office operations. Basic information/word processing principles, concepts, terminology and advantages of word processing systems are introduced. This course does not include the operation of a word processor or microcomputer. (2 Lec.)

**OFCT 1370 Contemporary Topics In Office Technology (3)**

(Former course prefix/number OFC 145)

Prerequisites: Will vary based on topics covered and will be annotated in each semester's class schedule. Current developments in the rapidly changing field of office technology are studied. This course may be repeated for credit when topics vary. (3 Lec.)

**OFCT 1371 Automated Filing Procedures (3)**

(Former course prefix/number OFC 150)

Prerequisite: Office Technology 1375 or demonstrated competence approved by the instructor. This course introduces the basic principles and procedures of records storage and control. Topics include records storage methods; procedures for the operation and control of manual and automated storage systems; rules for indexing; and principles for the selection of records equipment and supplies. (2 Lec., 2 Lab.)

**OFCT 1372 Office Calculating Machines (3)**

(Former course prefix/number OFC 160)

This course focuses on the development of skills in using electronic calculators. Emphasis is on developing the touch system for both speed and accuracy. Business math and business applications are included. Laboratory fee. (3 Lec.)

**OFCT 1373 Office Procedures (3)**

(Former course prefix/number OFC 162)

Prerequisites: Office Technology 1375 or demonstrated competence approved by the instructor. This course bridges the gap between the basic skills courses and current office practices. Topics include records management, electronic filing, reprographics, mail, telephone usage, financial transactions, and interpersonal relations. (3 Lec.)

**OFCT 1374 Legal Terminology And Transcription (3)**

(Former course prefix/number OFC 167)

Prerequisites: Office Technology 1376 and Office Technology 1378 or concurrent enrollment or demonstrated competence approved by the instructor. Legal terms are the focus of this course. Included are the spelling and use of legal terms and Latin words and phrases. Intensive practice is provided in building speed and accuracy in the transcription of legal terms. Laboratory fee. (3 Lec.)

**OFCT 1375 Beginning Keyboarding (3)**

(Former course prefix/number OFC 172)

This course is for students with no previous training in computer keyboarding. Fundamental techniques are developed. The skills of producing manuscripts, business letters, and tabulations are introduced. Laboratory fee. (2 Lec., 3 Lab.)

**OFCT 1376 Intermediate Keyboarding (3)**

(Former course prefix/number OFC 173)

Prerequisites: Office Technology 1375 or demonstrated competence approved by the instructor. Keyboarding techniques are developed further. Emphasis is on problem-solving. Increasing speed and accuracy in producing business forms, correspondence, and manuscripts are also covered. Laboratory fee. (2 Lec., 3 Lab.)

**OFCT 1377 Office Systems and Applications (3)**

(Former course prefix/number OFC 101)

Prerequisite: Concurrent enrollment in Office Technology 1375 or demonstrated competence. This course introduces the principles and concepts of office information systems as they relate to today's office worker. Basic concepts and terminology that include the topics of ergonomics, operating systems, hardware, business software, and electronics communications will be presented. Hands-on introduction to application software for business and personal use will also be included. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 1378 Text Processing Transcription (3)**

(Former course prefix/number OFC 102)

Prerequisite: Office Technology 1376 or demonstrated competence. This course introduces the basic equipment, techniques, and skills required to transcribe recorded business information into mailable documents. Emphasis is placed on grammar, punctuation, proofreading, and spelling skills required in text processing applications. Accuracy and speed are developed to a proficient level. Composition and dictation of business communications are included. Computers and audio transcription machines are used for lab requirement. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 1379 Word Processing I (3)**

(Former course prefix/number OFC 105)

Prerequisite: Office Technology 1375 or demonstrated competence. This introductory course develops word processing skills to a proficient level necessary for employment in an office environment or for personal use. Emphasis is on creating, editing, formatting, and printing documents. May be repeated for credit as software changes. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 1380 Business Software Applications I (3)**

(Former course prefix/number OFC 112)

This beginning-level course emphasizes the basic functions of spreadsheet, database, graphics, or communication software required for office employment. May be repeated for credit as software changes. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 2170 Word Processing Applications (1)**

(Former course prefix/number OFC 282)

This course is designed for students who have a basic knowledge of word processing. Advanced word processing concepts and machine functions are developed. Special emphasis is placed on producing mailable documents. May be repeated for credit using different emphasis. Laboratory fee. (1 Lec., 1 Lab.)

**OFCT 2171 Specialized Software I (1)**

(Former course prefix/number OFC 283)

Specialized applications are performed using automated equipment which the student has previously mastered. Applications may include word processing, graphics, math functions, spreadsheets, databases, desktop publishing, and the use of other software packages. Microcomputers will be used in this course. May be repeated for credit using different emphasis/equipment. Laboratory fee. (1 Lec., 1 Lab.)

**OFCT 2172 Specialized Software II (1)**

(Former course prefix/number OFC 284)

Specialized applications are performed using automated equipment that the student has previously mastered. More advanced applications may include graphics, math functions, spreadsheets, databases, and desktop publishing. This course may be repeated for credit using different emphasis/equipment. (1 Lec., 1 Lab.)

**OFCT 2270 Advanced Keyboarding Applications (2)**

(Former course prefix/number OFC 273)

Decision-making and production of all types of business materials under timed conditions are emphasized. A continuation of skill development and a review of keyboarding techniques are also stressed. Accuracy at advanced speeds is demanded. Laboratory fee. (1 Lec., 2 Lab.)

**OFCT 2370 Business Communications (3)**

(Former course prefix/number OFC 231)

Prerequisites: Office Technology 1375 and English 1301 or demonstrated competence approved by the instructor. This practical course includes a study of letter forms, the mechanics of writing and the composition of various types of communications. A critical analysis of the appearance and content of representative business correspondence, proposals, and reports is made. (3 Lec.)

**OFCT 2371 Legal Secretarial Procedures (3)**

(Former course prefix/number OFC 274)

Prerequisite: Completion of, or concurrent enrollment in, Office Technology 1374, or demonstrated competence approved by the instructor. This course focuses on procedures of the legal secretary. Topics include reminder and filing systems, telephone usage, dictation and correspondence, the preparation of legal documents, and the court system. Client contacts, use of law library, research techniques, timekeeping, billing, bookkeeping, and ethics are also covered. Ways to obtain a position as a legal secretary are described. (3 Lec.)

**OFCT 2372 Word Processing II (3)**

(Former course prefix/number OFC 205)

This course is designed to develop advanced features to a proficient level of a comprehensive word processing program. Applications and desktop publishing projects requiring critical thinking and decision making as expected in the office environment will be included. May be repeated for credit as software changes. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 2373 Business Software Applications II (3)**

(Former course prefix/number OFC 212)

This intermediate-level course expands the usefulness and functions of spreadsheet, database, graphics, or communications software to a proficient level as required for office support personnel. Applications require critical thinking and decision making. May be repeated for credit as software changes. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 2374 Business Software Applications III (3)**

(Former course prefix/number OFC 222)

This course covers advanced applications of spreadsheet, database, graphics, or communications software to a proficient level as required for office support personnel. Critical thinking and decision-making skills are required in creating, formatting, editing, and printing documents for the business environment. May be repeated for credit as software changes. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 2375 Medical Office Procedures (3)**

(Former course prefix/number OFC 223)

Prerequisite: Associate Degree in Office Technology, Health Information Management 2470 or concurrent enrollment, or demonstrated competence approved by the instructor. This course will incorporate those administrative office skills and competencies needed to support the management and administration of a medical office setting. Topics include medical filing, patient billing, insurance claims, correspondence, scheduling and maintaining appointments and lab services for patients, hospital admissions, surgical and outpatient procedures, doctor's schedules. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 2376 Medical Transcription (3)**

(Former course prefix/number OFC 224)

Prerequisite: Associate Degree in Office Technology, Health Information Management 2470 or concurrent enrollment, or demonstrated competence approved by the instructor. This course will incorporate the techniques and skills required to transcribe recorded medical information into mailable documents. Emphasis is placed on grammar, punctuation, medical terminology, proofreading, and spelling required in medical text processing applications. Computers and audio transcription machines are used for lab requirements. Laboratory fee. (2 Lec., 2 Lab.)

**OFCT 7371 Cooperative Work Experience (3)**

(Former course prefix/number OFC 703)

Prerequisites: Completion of two courses in the Office Technology program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. Students must complete three objectives and work a minimum of 15 hours per week for a total of three credit hours. This seminar consists of orientation, setting/writing job objectives, interpersonal skills, career interest/aptitude test and evaluation, time management, career planning, and exit seminar. (1 Lec., 15 Lab.)

**OFCT 7372 Cooperative Work Experience (3)**

(Former course prefix/number OFC 713)

Prerequisites: Completion of two courses in the Office Technology program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives each semester. Students must complete three objectives and work a minimum of 15 hours per week for a total of three credit hours. This seminar consists of orientation, setting/writing job objectives, stress management, Certified Professional Secretary, communication skills, job search, professional image, and exit seminar. (1 Lec., 15 Lab.)

**OFCT 7471 Cooperative Work Experience (4)**

(Former course prefix/number OFC 704)

Prerequisites: Completion of two courses in the Office Technology program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must complete four objectives and work a minimum of 20 hours per week for a total of four credit hours. This seminar consists of orientation, setting/writing job objectives, interpersonal skills, career interest/aptitude test and evaluation, time management, career planning, and exit seminar. (1 Lec., 20 Lab.)

**OFCT 7472 Cooperative Work Experience (4)**

(Former course prefix/number OFC 714)

Prerequisites: Completion of two courses in the Office Technology program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. Students must complete four objectives and work a minimum of 20 hours per week for a total of four credit hours. This seminar consists of orientation, setting/writing job objectives, stress management, Certified Professional Secretary, communication skills, job search, professional image, and exit seminar. (1 Lec., 20 Lab.)

**OFCT 8381 Cooperative Work Experience (3)**

(Former course prefix/number OFC 803)

This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. Students must complete three objectives and work a minimum of 15 hours per week for a total of three credit hours. This seminar consists of orientation, setting/writing job objectives, and independent study of business topics. (1 Lec., 15 Lab.)

**OFCT 8481 Cooperative Work Experience (4)**

(Former course prefix/number OFC 804)

This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. Students must complete four objectives and work a minimum of 20 hours per week for a total of four credit hours. This seminar consists of orientation, setting/writing job objectives, and independent study of business topics. (1 Lec., 20 Lab.)

## PHILOSOPHY

**PHIL 1301 Introduction To Philosophy (3)**

(This is a common course number. Former course prefix/number PHI 101)

The fundamental problems in philosophy are surveyed. Methods to deal with the problems are discussed. Ancient and modern views are examined as possible solutions. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015135)

**PHIL 1370 Critical Thinking (3)**

(Former course prefix/number PHI 103)

This course is designed to improve students' critical thinking ability. Students will both analyze and construct arguments. Elementary deductive forms, common fallacies, and inductive reasoning are considered. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015235)

**PHIL 2303 Logic (3)**

(This is a common course number. Former course prefix/number PHI 105)

The principles of logical thinking are analyzed. The methods and tools of logic are applied to real-life situations. Fallacies, definitions, analogies, syllogisms, Venn diagrams, and other topics are discussed. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015235)

**PHIL 2306 Ethics (3)**

(This is a common course number. Former course prefix/number PHI 203)

This course surveys the history, theories and issues of moral reasoning and behavior. Practical applications will also be made. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015335)

**PHIL 2307 Introduction To Social And Political Philosophy (3)**

(This is a common course number. Former course prefix/number PHI 202)

The relationships of philosophical ideas to the community are presented. Emphasis is on concepts of natural rights, justice, education, freedom, and responsibility. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015535)

**PHIL 2316 History Of Ancient Philosophy (3)**

(This is a common course number. Former course prefix/number PHI 207)

The history of philosophy from pre-Socratic times to the Renaissance is examined. Connections are made between the pre-Socratics, Plato, and Aristotle; Stoicism, Epicureanism, and Scholasticism are considered. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015535)

**PHIL 2317 History Of Modern Philosophy (3)**

(This is a common course number. Former course prefix/number PHI 208)

The history of philosophy from the Renaissance through the 19th. century is examined. Emphasis is on continental rationalism, British empiricism, Kantian metaphysics and epistemology, and the Hegelian system as it relates to 20th. century philosophies. The historical relationship between these schools of thought is explored. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015535)

## PHOTOGRAPHY

NOTE: These courses have a Dallas County Community College prefix of "PHOT;" however, some can be identified by a Common Course Number for transfer evaluation purposes. Both are listed in the parenthetical notes in the course descriptions.

**PHOT 1316 Introduction To Photography And Photojournalism (3)**

(Former course prefix/number PHO 110. Common Course Number is COMM 1316)

Photography and photojournalism are introduced. Topics include the general mechanics of camera lenses and shutters and the general characteristics of photographic films, papers, and chemicals. Darkroom procedures are presented, including enlarging, processing, contact printing, and exposing films and papers. Artificial lighting is introduced. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 0904015526)

**PHOT 1317 Advanced Photography And Photojournalism (3)**

(Former course prefix/number PHO 111. Common Course Number is COMM 1317)

Prerequisite: Photography 1316 or demonstrated competence approved by the instructor. Techniques learned in Photography 1316 are refined. Emphasis is on photographic communication. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 0904015526)

**PHOT 1370 Special Photographic Topics and Problems (Non-Lab Related) (3)**

(Former course prefix/number PHO 115)

This course of study addresses special photographic topics or problems which do not require lab instruction or use of lab facilities. Topics may include special interest areas such as: history of photography, photographic criticism, history of film making, looking at photographic collections, and color slide photography. The course will be narrow in scope to provide for in-depth study of the particular topics and may employ field trips and visiting instructors with specialized expertise. This course may be repeated for credit. (3 Lec.)

(Coordinating Board Academic Approval Number 5006055230)

**PHOT 2324 Introduction to Multimedia (3)**

(Former course prefix/number PHO 212. Common Course Number is COMM 2324)

Prerequisites: Photography 1316 or Art 1370, Photography 2325. This course will provide students with an exploration of the latest computer hardware and software applications used to produce multimedia presentations. Students will experience the areas of digital sound reproduction, the creation of computer animation, converting video into digital images, and digital editing techniques. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 0907015326)

**PHOT 2325 Introduction to Digital Imaging (3)**

(Former course prefix/number PHO 124. Common Course Number is COMM 2325)

Prerequisite: Photography 1316 or Art 1370 is recommended for this course. This is a broad-based, introductory course which explores the creation and manipulation of images on the computer. The course content will include an introduction to the computer system, an overview of desktop publishing and graphic programs, use of the digital camera, scanning-in photographs, and exploring techniques of photo-manipulation. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 0907015326)

**PHOT 2326 Advanced Digital Imaging (3)**

(Former course prefix/number PHO 125. Common Course Number is COMM 2326)

Prerequisites: Photography 2325 is required. In addition, Photography 1316 or Art 1370 is recommended. This course will explore in greater depth the applications covered in the Introduction to Digital Photography (Photography 2325) class. Students will work to master the technical complexities of digital photography and seek to clarify a personal direction through extended projects. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 0907015326)

**PHOT 2356 Commercial Photography I (3)**

(Former course prefix/number PHO 122. Common Course Number is ARTS 2356)

Prerequisites: Photography 1316 and 1317 or demonstrated competence approved by the instructor. Commercial or contract photography is studied. Field, studio, and darkroom experiences for various kinds of photography are discussed. Social, portrait, studio, fashion, publicity, landscape, and product photography, as well as portfolio development, are included. The use of natural and artificial lighting is covered. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5006055130)

**PHOT 2357 Commercial Photography II (3)**

(Former course prefix/number PHO 123. Common Course Number is ARTS 2357)

Prerequisites: Photography 1316 and 1317 or demonstrated competence approved by the instructor. This course is a continuation of Photography 2356. Publicity, architectural, interior, and advertising photography are included. The latest equipment, papers, films, and techniques are explored. Exchanges may be made with sample clients, employers, studios, and agencies. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5006055230)

**PHOT 2370 Photography For Publications (3)**

(Former course prefix/number PHO 207)

Prerequisites: Photography 1316 and 1317 or demonstrated competence approved by the instructor. This course is designed for the student who is interested in journalistic editing, publications photography, and graphic arts procedures. It encourages skills in all three areas and prepares the student for a broad job market that includes photojournalism, printing, editing, composing, and general copy preparation. Students who enroll in this course should have a background in journalism, photography, and graphic arts and be of sophomore standing. Laboratory fee. (2 Lec., 4 Lab.)

**PHOT 2371 Advanced Multimedia (3)**

(Former course prefix/number PHO 213)

Prerequisites: Photography 1316 or Art 1370, Photography 2325, and Photography 2324. This course offers students a continued refinement of multimedia techniques to create interactive animation presentations. Students will gain competency of powerful software applications in order to design, create, and building programming sequences. Laboratory fee. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 0907015326)

### **PHOT 2375 Special Photographic Topics And Problems (3)**

(Former course prefix/number PHO 215)

Prerequisites: Photography 1316 and 1317 or demonstrated competence approved by the instructor. This course of study addresses special photographic topics or problems that may result from technological advances and particular student and/or instructor interests and/or expertise. Topics may include special interest areas such as architectural, landscape, wedding, environmental portraiture and audio-visual slide-with-sound productions. The course will be narrow in scope to provide for in-depth study of the particular topic and may employ visiting instructors with specialized expertise. This course may be repeated for credit. (2 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 5006055230)

## **PHYSICAL EDUCATION**

### **PHED 1100 Beginning Lifetime Sports Activities (1)**

(This is a common course number. Former course prefix/number PEH 100)

Beginning level skills in various lifetime sports are presented as well as rules, etiquette, safety, strategy, offensive and defensive elements, conditioning activities, and physical assessment where appropriate. Physical Education 1100 may be repeated for credit when students select different activities. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1102 Beginning Soccer (1)**

(This is a common course number. Former course prefix/number PEH 104)

Course content emphasizes the basic playing skills of both indoor and outdoor soccer at the beginner level, as well as rules, strategies, safety, offensive and defensive patterns of play, and competitive activities. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1104 Beginning Softball (1)**

(This is a common course number. Former course prefix/number PEH 112)

Course content includes the basic playing skills of softball at the beginner level, as well as rules, strategies, safety, offensive and defensive elements, and competitive activities. These common elements will be applied to fast pitch, slow pitch, and coed softball. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1105 Beginning Racquetball (1)**

(This is a common course number. Former course prefix/number PEH 113)

Basic racquetball skills, rules and strategies are taught and class tournaments are conducted. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1107 Intramural Athletics (1)**

(This is a common course number. Former course prefix/number PEH 116)

Intramural competition in a variety of activities is offered for men and women. Individual and team competition are offered. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1108 Beginning Archery (1)**

(This is a common course number. Former course prefix/number PEH 117)

The beginning level skills of target and field shooting and bow hunting are emphasized. History, rules of competition, preparation and care of equipment and safety are included. Equipment is furnished. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1109 Beginning Golf (1)**

(This is a common course number. Former course prefix/number PEH 118)

Course content emphasizes the basic skills involved in club selection, golf course analysis, shot selection and execution of the golf swing. Rules, scoring, handicapping, and etiquette are included. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1110 Beginning Tennis (1)**

(This is a common course number. Former course prefix/number PEH 119)

This course emphasizes the acquisition of beginning level skills in the execution of forehand strokes, backhand strokes, the serve, and the volley. Rules, strategies of the singles and doubles games, etiquette, safety, and competitive activities are included. Equipment is furnished. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

### **PHED 1111 Beginning Bowling (1)**

(This is a common course number. Former course prefix/number PEH 120)

Basic bowling skills at the beginner level as well as rules, strategies, safety, scoring and competitive activities are emphasized. All classes are conducted at an off-campus bowling lane. Lane fee. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)



**PHED 1113 Beginning Gymnastics (1)**

(This is a common course number. Former course prefix/number PEH 122)

Beginning level skills in both men's and women's all-around gymnastic events are emphasized. Men's events include horizontal bar, pommel horse, rings, vaulting, floor exercise, and parallel bars. Women's events include floor exercise, vaulting, balance beam, and uneven parallel bars. Basic tumbling skills are also included. All appropriate events will be incorporated into a beginner's level routine. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1114 Beginning Swimming (1)**

(This is a common course number. Former course prefix/number PEH 123)

This course is designed to teach a non-swimmer or a shallow water swimmer to become a safe and efficient deep water swimmer. After the development of sufficient skills to perform a modified crawl stroke, the elementary back stroke, survival floating, jumping into deep water, leveling off and changing directions, swimmers will be able to swim in deep water. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1117 Beginning Basketball And Volleyball (1)**

(This is a common course number. Former course prefix/number PEH 127)

Basic basketball and volleyball skills are taught. Rules, game strategies and competitive activities are included. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1119 Beginning Weight Training (1)**

(This is a common course number. Former course prefix/number PEH 131)

Instruction in weight training and conditioning techniques are stressed. Emphasis is placed on muscular strength and endurance. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1120 Beginning Self-Defense (1)**

(This is a common course number. Former course prefix/number PEH 132)

Various forms of self-defense are introduced. The history and philosophy of the martial arts are explored. The student should progress from no previous experience in self-defense to an adequate skill level covering basic self-defense situations. Both mental and physical aspects of the arts are stressed. Uniform required. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1121 Beginning Jogging (1)**

(This is a common course number. Former course prefix/number PEH 133)

Development and improvement of physical fitness through jogging is emphasized. Fitness concepts and jogging skills will be introduced. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1122 Outdoor Education (1)**

(This is a common course number. Former course prefix/number PEH 134)

Knowledge and skills in outdoor education and camping are presented. Planned and incidental experiences take place, including a week-end camp-out. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1123 Beginning Walking for Fitness (1)**

(This is a common course number. Former course prefix/number PEH 135)

This course is designed for the student who desires cardiovascular fitness by means of a low impact method. Maximum physical fitness is achieved by vigorous walking. The heart rate is elevated to the appropriate target zone for peak conditioning. An extensive warm-up and cool down increases joint and muscle flexibility. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1124 Beginning Aerobic Dance (1)**

(This is a common course number. Former course prefix/number PEH 137)

This course emphasizes the development of cardiovascular endurance by utilizing choreographed routines which may combine basic dance patterns with walking, jogging, jumping, etc. Individual fitness levels are accommodated by the intensity of the workout. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1125 Aquatic Fitness (1)**

(This is a common course number. Former course prefix/number PEH 143)

This course is designed to promote fitness through the use of water-related activities compatible with a pool environment. Emphasis is placed on water resistant exercises, lap swimming utilizing various kicks and strokes, relays, and a variety of aquatic games. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1126 Beginning Cycling (1)**

(This is a common course number. Former course prefix/number PEH 145)

Development of cycling skills and improvement of physical fitness through cycling are emphasized. Fitness concepts, riding technique, safety, routine maintenance and repair of the cycle are fundamental topics of this course. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1127 Triathlon Fitness (1)**

(This is a common course number. Former course prefix/number PEH 146)

This course includes an individualized program of walking, running, cycling, swimming, and weight training. From these activities, the student and instructor will design a fitness program to improve total body fitness, strength, endurance and self-image. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1128 Canoeing/Kayaking (1)**

(This is a common course number. Former course prefix/number PEH 149)

This course is designed to teach the students knowledge and appreciation of basic white water canoeing/kayaking skills so they can actively engage in these activities throughout their lives. A weekend river trip is included in this course. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1129 Backpacking/Rock Climbing (1)**

(This is a common course number. Former course prefix/number PEH 150)

This course is designed to teach the students basic skills, knowledge and appreciation of backpacking and rock climbing to the extent that they can actively engage in these activities throughout their lives. A weekend backpacking trip is included in the course. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1130 Intermediate Lifetime Sports Activities (1)**

(This is a common course number. Former course prefix/number PEH 200)

Intermediate and intermediate/advanced skills in a variety of lifetime sports are presented. Students participate in a selected sport. Physical Education 1130 may be repeated for credit when students select different activities. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1131 Intermediate Soccer (1)**

(This is a common course number. Former course prefix/number PEH 204)

Basic skills and techniques are refined beyond the beginner level. Analysis and practice of strategies, safety, offensive and defensive patterns of play and competitive activities are covered. Course emphasis is placed on the development and preparation for participation on an intercollegiate team. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1132 Intermediate Softball (1)**

(This is a common course number. Former course prefix/number PEH 212)

Emphasis is placed on game strategy, base coaching, preparing a lineup, conducting drills, and performance on hitting, catching, and throwing. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1133 Intermediate Racquetball (1)**

(This is a common course number. Former course prefix/number PEH 213)

This activity course is designed for students seeking to advance their racquetball skill level. The course content covers advanced shot execution, strategy, and the doubles game. Emphasis is placed on improved skill and strategy. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1134 Intermediate Physical Fitness (1)**

(This is a common course number. Former course prefix/number PEH 215)

Basic skills and techniques of fitness-related activities are developed beyond the beginner level. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1135 Intermediate Archery (1)**

(This is a common course number. Former course prefix/number PEH 217)

Course content includes refinement for basic archery skills and competitive target shooting and field archery. Equipment is furnished. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1136 Intermediate Golf (1)**

(This is a common course number. Former course prefix/number PEH 218)

Basic skills and techniques are refined beyond the beginner level. Analysis and practice of the golf swing, swing theory and methods, strategy, and actual golf course playing are emphasized. Equipment is furnished. Green fees. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1137 Intermediate Tennis (1)**

(This is a common course number. Former course prefix/number PEH 219)

Emphasis is placed on refinement of basic skills and specialty shots. Competitive activities in singles, doubles and mixed doubles will be included. Equipment is furnished. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1139 Intermediate Gymnastics (1)**

(This is a common course number. Former course prefix/number PEH 222)

Basic tumbling and the all-around events for men and women will be emphasized at the intermediate performance level. Course emphasis is placed on the development, preparation and presentation of gymnastic routines. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1140 Intermediate Swimming (1)**

(This is a common course number. Former course prefix/number PEH 223)

The correct performance of the crawl, elementary back stroke, side and breast strokes will be emphasized. Some speed and endurance swimming will be required. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1141 Intermediate Weight Training (1)**

(This is a common course number. Former course prefix/number PEH 231)

Skills and instruction in weight training techniques are developed beyond the beginner level. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1142 Intermediate Self-Defense (1)**

(This is a common course number. Former course prefix/number PEH 232)

Students will be introduced to intermediate forms of defense and combinations of self defense methods. Emphasis is on practical application of self defense movements. Uniform required. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1143 Intermediate Jogging (1)**

(This is a common course number. Former course prefix/number PEH 233)

Improvement of physical fitness through jogging is developed beyond the beginner stage. A higher level of fitness is expected. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1144 Intermediate Walking for Fitness (1)**

(This is a common course number. Former course prefix/number PEH 235)

Students participate in a low impact exercise walking program beyond the beginning level. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1145 Intermediate Aerobic Dance (1)**

(This is a common course number. Former course prefix/number PEH 237)

This course emphasizes the development of cardiovascular endurance through a combination of walking, jogging, jumping, etc. Individual fitness levels are developed beyond the beginner level. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1146 Intermediate Basketball (1)**

(This is a common course number. Former course prefix/number PEH 239)

Basic skills and techniques are refined beyond the beginner level. Analysis and practice of shooting, passing, dribbling, team play, strategies, and competitive play covered. Course emphasis is placed on the development and preparation for participation on an intercollegiate team. Equipment is furnished. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1147 Intermediate Volleyball (1)**

(This is a common course number. Former course prefix/number PEH 240)

Basic skills and techniques are refined beyond the beginner level. Analysis and practice of the forearm pass, setting, spiking, serving, team play, strategies, and competitive play are covered. Course emphasis is placed on the development and preparation for participation on an intercollegiate team. Equipment is furnished. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1148 Intermediate Baseball (1)**

(This is a common course number. Former course prefix/number PEH 241)

Basic skills and techniques are refined beyond the beginner level. Analysis and practice of hitting, fielding, pitching, team play, and competitive play are emphasized. Baseball history and interpretation of the rules are also covered. Course emphasis is placed on the development and preparation for participation on an intercollegiate team. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1149 Intermediate Cycling (1)**

(This is a common course number. Former course prefix/number PEH 245)

Improvement of physical fitness through cycling is developed beyond the beginner stage. A higher level of fitness is expected. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1150 Intermediate Bowling (1)**

(This is a common course number. Former course prefix/number PEH 220)

This course is designed for students seeking improvement in the lifetime sport of bowling. The course covers a review of history, etiquette, care and selection of equipment, rules and scoring. Additional information will be provided on handicapping, league play, variation of grips, spot bowling and alley textures. Laboratory fee. (3 Lab.)

(Coordinating Board Academic Approval Number 3601085128)

**PHED 1164 Physical Fitness (1)**

(This is a common course number. Former course prefix/number PEH 115)

Students are introduced to wellness related concepts and activities for the purpose of gaining knowledge and skills necessary to evaluate personal fitness level and to develop a personal lifelong fitness program. Activities include, but are not limited to: aerobics, circuit training, muscular development, flexibility, agility exercises, weight training and body composition. . Pre- and Post-fitness assessments included. Laboratory fee. (3 Lab.)  
(Coordinating Board Academic Approval Number 3105015128)

**PHED 1270 Divemaster (2)**

(Former course prefix/number PEH 142)

Prerequisite: Physical Education 2271 or advanced certification from any of the national certifying organizations. This course is designed for the advanced diver who seeks additional training as an instructional assistant responsible for the organization, teaching and safety of scuba divers. Students who successfully complete this course will receive divemaster certification. Laboratory fee. (1 Lec., 2 Lab.)  
(Coordinating Board Academic Approval Number 3601085328)

**PHED 1301 Introduction To Physical Education (3)**

(This is a common course number. Former course prefix/number PEH 144)

This course is for students majoring in physical education and is designed for professional orientation in physical education, health, and recreation. The history, philosophy, and modern trends of physical education are surveyed. Topics include teacher qualifications, vocational opportunities, expected competencies, and skill testing. This course does not satisfy the physical education activity course requirement. (3 Lec.)  
(Coordinating Board Academic Approval Number 3105015228)

**PHED 1304 Health For Today (3)**

(This is a common course number. Former course prefix/number PEH 101)

Emphasis is placed on relating course content to lifestyle to foster a better understanding of the major health issues of today. Current issues include, but are not limited to: emotional health, chemical use and abuse, human sexuality, major diseases, physical fitness, nutrition, aging, death and dying. This course does not satisfy the physical education activity course requirement. (3 Lec.)  
(Coordinating Board Academic Approval Number 5103015128)

**PHED 1306 Advanced First Aid And Emergency Care (3)**

(This is a common course number. Former course prefix/number PEH 257)

This course covers the theory and practice in advanced first aid and emergency care. Various aspects of safety education also are included. The course content has been selected from nationally recognized organizations in safety education and first aid. This course does not satisfy the physical education activity course requirement. (3 Lec.)  
(Coordinating Board Academic Approval Number 5103015328)

**PHED 1308 Sports Officiating I (3)**

(This is a common course number. Former course prefix/number PEH 147)

This course is for students who choose officiating for an avocation and who want to increase their knowledge and appreciation of sports. Sports covered in this course are football, basketball, and other sports as appropriate. Students are expected to officiate intramural games. This course does not satisfy the physical education activity course requirement. (2 Lec., 2 Lab.)  
(Coordinating Board Academic Approval Number 1202045128)

**PHED 1309 Sports Officiating II (3)**

(This is a common course number. Former course prefix/number PEH 148)

This course is for students who choose officiating for an avocation and who want to increase their knowledge and appreciation of sports. Sports covered in this course are softball, track and field, baseball, and other sports as appropriate. Students are expected to officiate intramural games. This course does not satisfy the physical education activity course requirement. (2 Lec., 2 Lab.)  
(Coordinating Board Academic Approval Number 1202045128)

**PHED 2270 Scuba Diving (2)**

(Former course prefix/number PEH 225)

Prerequisite: Demonstrated competence approved by the instructor. This course includes instruction in the proper use of equipment, safety, physiology and open water diving. Students completing course requirements receive certification through one of several major accredited associations. Equipment rental fee. Laboratory fee. (1 Lec., 2 Lab.)  
(Coordinating Board Academic Approval Number 3601085328)

**PHED 2271 Advanced Open Water Scuba (2)**

(Former course prefix/number PEH 228)

Prerequisite: Physical Education 2270 or appropriate certifying agency entry level certificate or 10 log book hours. Instruction will include the introductory knowledge and skill development in the open water environment for the student to participate in underwater investigation, deep diving, search and light salvage, and limited visibility/night diving. Safety, special equipment, dive planning and dive buddy procedures will be covered. Upon successful completion of the course, the student will receive advanced open water certification through a qualified certifying agency. Laboratory fee. (1 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 3601085328)

## PHYSICS

**PHYS 1401 Introductory General Physics (4)**

(This is a common course number. Former course prefix/number PHY 111)

Prerequisite: Two years of high school algebra, including trigonometry, or the equivalent. This course is for pre-dental, biology, premedical, pre-pharmacy, and pre-architecture majors and other students who need a two-semester technical course in physics. Mechanics and heat are studied. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4008015339)

**PHYS 1402 Introductory General Physics (4)**

(This is a common course number. Former course prefix/number PHY 112)

Prerequisite: Physics 1401. This course is a continuation of Physics 1401. Electricity, magnetism, light, and sound are studied. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4008015339)

**PHYS 1411 Fundamentals Of Astronomy (4)**

(This is a common course number. Former course prefix/number AST 111)

This course concerns fundamental aspects of the solar system and the historical development of astronomical ideas. Included are studies of the celestial sphere and motions of the earth, the moon, planets, and other minor bodies. The origin and evolution of the solar system are also covered. The laboratory includes outdoor viewing sessions and study of celestial motions, elementary navigation, constellation identification, and telescope construction. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4002015139)

**PHYS 1412 General Introductory Astronomy (4)**

(This is a common course number. Former course prefix/number AST 112)

This course concerns fundamental properties of stars, stellar systems, star clusters, nebulae, interstellar gas and dust, and galaxies. Included is the study of the sun, Milky Way Galaxy, stellar evolution, black holes, and current cosmological ideas. The laboratory includes outdoor viewing sessions and the study of timekeeping, use of spectra, and motions of stars and galaxies. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4002015139)

**PHYS 2425 General Physics (4)**

(This is a common course number. Former course prefix/number PHY 201)

Prerequisite: Credit or concurrent enrollment in Mathematics 2513. This course is designed primarily for physics, chemistry, mathematics, and engineering majors. The principles and applications of mechanics, wave motion, and sound are studied. Emphasis is on fundamental concepts, problem-solving, notation, and units. The laboratory includes a one-hour problem session. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4008015439)

**PHYS 2426 General Physics (4)**

(This is a common course number. Former course prefix/number PHY 202)

Prerequisites: Physics 2425 and credit or concurrent enrollment in Mathematics 2414. This course presents the principles and applications of heat, electricity, magnetism, and optics. Emphasis is on fundamental concepts, problem-solving, notation and units. The laboratory includes a one-hour problem session. Laboratory fee. (3 Lec., 3 Lab.)

(Coordinating Board Academic Approval Number 4008015439)

## PSYCHOLOGY

**PSYC 2301 Introduction To Psychology (3)**

(This is a common course number. Former course prefix/number PSY 101)

Prerequisite: Developmental Reading 0093 or meet TASP/Alternative Assessment Standards in Reading. Introduction to Psychology surveys major topics in the study of behavior. Factors which determine and affect behavior are examined. Psychological principles are applied to the human experience. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015140)

**PSYC 2302 Applied Psychology (3)**

(This is a common course number. Former course prefix/number PSY 202)

Prerequisite: TASP/Alternative Assessment passing Reading Standards recommended. Psychological facts and principles are applied to problems and activities of life and will be used to examine basic aspects of human relationships in society. This course will involve the direct application of psychological principles to human relation problems in such areas as business, health occupations, social service agencies, and interpersonal relationships. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015240)

**PSYC 2306 Human Sexuality (3)**

(This is a common course number. Former course prefix/number PSY 103)

Prerequisite: TASP/Alternative Assessment passing Reading Standards recommended. Students may register for either Psychology 2306 or Sociology 2306 but receive credit for only one of the two. Topics include physiological, psychological, and sociological aspects of human sexuality. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015340)

**PSYC 2314 Developmental Psychology (3)**

(This is a common course number. Former course prefix/number PSY 201)

Prerequisite: TASP/Alternative Assessment passing Reading Standards recommended. This course is a study of human growth, development, and behavior. Emphasis is on psychological changes during life. Processes of life from prenatal beginnings through adulthood and aging are included. (3 Lec.)

(Coordinating Board Academic Approval Number 4207015140)

**PSYC 2316 Psychology Of Personality (3)**

(This is a common course number. Former course prefix/number PSY 205)

Prerequisite: TASP/Alternative Assessment passing Reading Standards recommended. This course is an introduction to the study of personality. Topics of personality and adjustment will be studied in the context of various personality theories. Emphasis will be on the application of those topics. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015740)

**PSYC 2319 Social Psychology (3)**

(This is a common course number. Former course prefix/number PSY 207)

Prerequisite: TASP/Alternative Assessment passing Reading Standards recommended. Students may register for either Psychology 2319 or Sociology 2326 but may receive credit for only one. Theories of individual behavior in the social environment are surveyed. Topics include the socio-psychological process, attitude formation and change, interpersonal relations, and group processes. (3 Lec.)

(Coordinating Board Academic Approval Number 4216015140)

**PSYC 2370 Selected Topics (3)**

(Former course prefix/number PSY 211)

This course provides an in-depth study of current issues in psychology. Topics include: abnormal psychology, psychology of the offender, death and dying, and gender roles. Topics may vary from semester to semester and may be repeated for credit when topics vary. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015540)

## READING

**READ 1370 College Reading And Study Skills (3)**

(Former course prefix/number RD 101)

Comprehension techniques for reading college texts are emphasized. Also included are vocabulary development, critical reading, and rate flexibility. Study skills addressed include listening, note taking, underlining, concentrating, and memory. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015735)

**READ 1371 Speed Reading And Learning (3)**

(Former course prefix/number RD 102)

Reading and learning skills are addressed. Speed reading techniques and comprehension are emphasized. Learning and memory skills are also covered. (3 Lec.)

(Coordinating Board Academic Approval Number 3801015735)

## RELIGION

NOTE: These courses carry a Dallas County Community College prefix of "REL"; however, some can be identified by a common course number for transfer evaluation purposes. Both are listed in the course descriptions.)

**RELI 1304 Major World Religions (3)**

(Former course prefix/number REL 201. The common course number is PHIL 1304)

This course surveys the major world religions. Hinduism, Buddhism, Judaism, Islam, and Christianity are included. The history of religions is covered, but the major emphasis is on current beliefs. Other topics may also be included, such as the nature of religion, tribal religion, and alternatives to religion. (3 Lec.)

(Coordinating Board Academic Approval Number 3802015235)

**RELI 1370 Religion In American Culture (3)**

(Former course prefix/number REL 101)

This course examines the nature of religion in America. It covers important influences from the past and characteristics of current religious groups and movements. Emphasis is on understanding the role of religion in American life. (3 Lec.)

(Coordinating Board Academic Approval Number 3802015135)

**RELI 1371 Contemporary Religious Problems (3)**

(Former course prefix/number REL 102)

Both classic and recent issues are explored. Such topics as the nature of religion, the existence of God, world religions, mysticism, sexuality and religion, and the interpretation of death are included. This course may be offered with emphasis on a specific topic, such as death and dying. (3 Lec.)

(Coordinating Board Academic Approval Number 3802015335)

**RELI 1372 The History And Literature Of The Bible (3)**

(Former course prefix/number REL 105)

This course presents a history and literature of both the Hebrew people during the Old Testament period and the Christian movement during the New Testament period with emphasis upon the origins and development of the religious ideas and institutions of the biblical people. (3 Lec.)

(Coordinating Board Academic Approval Number 3802015135)

## **SOCIAL WORK**

**(Social Work Associate Training)****SWAT 1370 Orientation To Social Services (3)**

(Former course prefix/number SW 101)

The historical development of social services in our society is surveyed. The student is introduced to concepts of "social welfare" and "social policy" which emphasize the relationship between social policy and delivery of social services. Descriptions of present day social welfare programs in terms of their philosophy, legal base, program policy, and impact on both the target service group and the larger community are presented. Contact with community agencies gives students the opportunity to assess their interest in a helping profession. Cultural diversity and ethical issues are emphasized. (3 Lec.)

**SWAT 1371 Basic Interviewing And Counseling Skills (3)**

(Former course prefix/number SW 105)

Counseling techniques such as intake interviewing, relationship building, problem identification and resolution are studied. Skill development in the areas of assessment, intervention, prevention and planning are part of the course. Techniques of listening, observing, and recording are practiced. Various therapeutic models are reviewed. Cultural diversity and ethical issues are emphasized. (3 Lec.)

**SWAT 1372 Abnormal Behavior (3)**

(Former course prefix/number SW 107)

Factors associated with defining and identifying abnormal behavior are explored. The psychological meaning of mental illness in the family and the consequences of seeking help for the mentally ill family member will be covered. Attention will be paid to the social consequences of abnormal behavior.. (3 Lec.)

**SWAT 1373 Aging In America (3)**

(Former course prefix/number SW 111)

Current demographics reflecting the aging of America will be studied. Course objectives focus on understanding people and the aging process. Improving the quality of life for the aging and the effects of discrimination will be emphasized. (3 Lec.)

**SWAT 1374 Adolescent Life Cycle (3)**

(Former course prefix/number SW 115)

This is the study of the development phase from adolescence through young adulthood. The course will focus on the tasks and goals to be achieved during these stages. Physical and psychological changes, as well as the areas of interpersonal relationships and the individual's ability to relate to the social environment, will be studied. An in-depth exploration of certain critical areas of the adolescent period of the life cycle to increase the student's understanding and ability to work with youth will be emphasized. Personality theories for understanding behavior will be presented. (3 Lec.)

**SWAT 2370 Introduction To Social Work (3)**

(Former course prefix/number SW 201)

An overview of the social work profession that introduces many of the terms, concepts, people and critical events that have shaped the profession are presented. The student obtains an understanding of the reasons social work exists in this society and the purpose of the "Code of Ethics" in preserving social work's professional integrity. The role of the National Association of Social Workers and the Council on Social Work Education in maintaining and strengthening the social work education and standards is examined. Students learn to recognize the importance of human service agencies in fostering or diminishing the quality of services provided and have some empathy for what it is like to be poor or to experience the impact of institutional racism, sexism or ageism. (3 Lec.)

**SWAT 2371 Social Policies And Programs For The Aging (3)**

(Former course prefix/number SW 205)

The legislative origins of social policies affecting the aging are analyzed. Resources and services for the aging are surveyed. Emphasis is placed on fostering independent living. Concepts of alternate housing, health care, community services, and leisure time activities are presented. (3 Lec.)

**SWAT 2372 Life Cycle Of The Aged (3)**

(Former course prefix/number SW 209)

The biological, psychological, and social aspects of aging are presented. The objective of the course is to provide a framework for implementing a comprehensive psychosocial diagnosis within a family context and social work intervention based on an understanding of the aged persons, the family, the community and institutional environments. The intergenerational concept and treatment model is introduced. (3 Lec.)

**SWAT 2373 Health Status Of The Aged (3)**

(Former course prefix/number SW 213)

The course will address the issues of wellness as well as the many illnesses likely to affect the aging. Medical, dental and nursing services are evaluated from an institutional and a community basis. The concepts of home support services and home health care services are studied. Case management which is the coordinating and linking component of the long-term care continuum is studied. (3 Lec.)

**SWAT 2374 Special Problems Of Youth (3)**

(Former course prefix/number SW 217)

Prerequisite: Social Work 1374. The course provides information to the student about the particular problems of youth, examines these problems in some depth, and explains their implications for the worker delivering services to this population. Information about youth serving social institutions of both a preventive and rehabilitative nature is presented. Emphasis is given to issues of chemical abuse and their effects. (3 Lec.)

**SWAT 2375 Social Work Methods And Procedures (3)**

(Former course prefix/number SW 219)

Prerequisites: Social Work 1370 and Social Work 1371. Basic social work practices are introduced. The course provides a framework for the development of beginning intervention skills and techniques presented through the problem-solving model. A framework for assessment and for the understanding of the types of problems that arise in the person-situation interaction is developed. Oral and written communications essential for assessment, screening, intervention, client information and referral are studied. Reports, record-keeping, interviewing and counseling techniques are developed. Cultural diversity and ethical issues are emphasized. (3 Lec.)

**SWAT 2376 Special Topics In Social Services (3)**

(Former course prefix/number SW 228)

Special topics in social services are studied. Topics will vary depending on current issues of concern and interest. It may be repeated for credit. (3 Lec.)

**SWAT 2377 Group Work Intervention (3)**

(Former course prefix/number SW 229)

Prerequisite: Social Work 1371. The course examines the various stages of the group work treatment process, emphasizing roles, tasks and possible problem areas. The student will study how groups function, the structure of groups and communication patterns within the group. Observable behavior on an experimental basis is the focus of the course. Students will be given an opportunity to work in a laboratory group, so that they can become sufficiently involved enough to feel and observe the processes while learning to conceptualize them. (3 Lec.)

**SWAT 2378 Human Behavior And Social Environment (3)**

(Former course prefix/number SW 232)

Human behavior caused by changes in the social environment is the focus of this course. This includes an exploration of interdependence, cultural norms, and group affiliation. (3 Lec.)

**SWAT 2470 Nursing Home Activity Director Training (4)**

(Former course prefix/number SW 226)

The role of the nursing home activity director is the focus of this course. Both the roles of the nursing home and of the activities program are covered. Topics include the nursing home's historical development and relationship to the community, need and resource assessment, specialized knowledge about the aged resident, and interviewing skills. Program planning, working in groups, programming activities, developing an activities department, and therapeutic techniques in the nursing home are also included. (3 Lec., 3 Lab.)

**SWAT 2471 Advanced Nursing Home Activity Director Training (4)**

(Former course prefix/number SW 227)

Prerequisite: Social Work 2470 and experience as an activity professional. The course focuses on how to apply management science principles to the delivery of activity services. Theory combined with practice will build a foundation of administrative and supervisory skills. The objective is to enable activity professionals to become an integral part of the service delivery system. A structured practicum is an integral part of the course. This course can be repeated for credit. (3 Lec., 3 Lab.)



**SWAT 7371 Cooperative Work Experience (3)**

(Former course prefix/number SW 703)

**Prerequisites:** Completion of two courses in the Social Work program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. The seminar consists of an orientation to cooperative education, writing learning objectives, role of the on-site supervisor, appropriate on-the-job procedures and time management techniques. The seminar also consists of a review of the cooperative work experience and its effects and advantages to the student. (1 Lec., 15 Lab.)

**SWAT 7372 Cooperative Work Experience (3)**

(Former course prefix/number SW 713)

**Prerequisites:** Completion of two courses in the Social Work program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. The seminar consists of learning effective communication skills, identification of academic and community resources, effective intra- and interpersonal relationships, identification of effective wellness and prevention programs, and effectively managing financial resources. The seminar also consists of a review of the cooperative work experience and its effects and advantages to the student. (1 Lec., 15 Lab.)

**SWAT 7471 Cooperative Work Experience (4)**

(Former course prefix/number SW 704)

**Prerequisites:** Completion of two courses in the Social Work program or instructor approval. This course combines productive work experience with academic study. The student, employer and instructor will develop a written competency-based learning plan with varied learning objectives and work experiences. Students must develop new learning objectives each semester. The seminar consists of an orientation to cooperative education, writing learning objectives, role of the on-site supervisor, appropriate on-the-job procedures and time management techniques. The seminar also consists of a review of the cooperative work experience and its effects and advantages to the student. (1 Lec., 20 Lab.)

**SOCIOLOGY****SOCI 1301 Introduction To Sociology (3)**

(This is a common course number. Former course prefix/number SOC 101)

This course is a sociological study of social behavior and social structures, emphasizing the importance of a knowledge and appreciation of the multi-cultural and multiethnic dimensions of society. Topics include cultural elements such as values, norms, beliefs, language, and roles, as well as group processes, social conflict and social change. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015142)

**SOCI 1306 Social Problems (3)**

(This is a common course number. Former course prefix/number SOC 102)

This course is a sociological study of social problems which typically include: crime, poverty, minorities, deviance, population, and health care. Specific topics may vary from semester to semester to address contemporary concerns. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015242)

**SOCI 2301 Marriage, Family, and Close Relationships (3)**

(This is a common course number. Former course prefix/number SOC 203)

**Prerequisite:** Sociology 1301 recommended. Marriage, choosing of a partner, love and attachment, parenting, communication, conflict and conflict resolution are analyzed. Family forms, relationships, and functions are included. Sociocultural differences in close relationships and family behavior are also included. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015442)

**SOCI 2306 Human Sexuality (3)**

(This is a common course number. Former course prefix/number SOC 103)

Students may register for either Psychology 2306 or Sociology 2306 but receive credit for only one of the two. Topics include physiological, psychological, and sociological aspects of human sexuality. (3 Lec.)

(Coordinating Board Academic Approval Number 4201015342)

**SOCI 2319 Race, Ethnicity and Community (3)**

(This is a common course number. Former course prefix/number SOC 204)

This course focuses on cultural, social, and institutional factors affecting relationships within and among ethnic, cultural, and racial groups. Emphasis is on current problems of intergroup relations, social movements, and related social changes, as well as community building and conflict resolution. The historic contributions of the groups may be presented. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015342)

### **SOCI 2320 Field Studies In American Minorities (3)**

(This is a common course number. Former course prefix/number SOC 210)

Prerequisite: Sociology 1301 or Sociology 2319. Experience is provided in various minority community centers. Work is under professional supervision in a task-oriented setting. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015342)

### **SOCI 2326 Social Psychology (3)**

(This is a common course number. Former course prefix/number SOC 207)

Prerequisite: Psychology 2301 or Sociology 1301. Students may register for either Psychology 2319 or Sociology 2326 but may receive credit for only one. Theories of individual behavior in the social environment are surveyed. Topics include the socio-psychological process, attitude formation and change, interpersonal relations, and group processes. (3 Lec.)

(Coordinating Board Academic Approval Number 4216015140)

### **SOCI 2370 Selected Topics (3)**

(Former course prefix/number SOC 209)

Prerequisite: Sociology 1301 or demonstrated competence approved by the instructor. An in-depth study of specific contemporary topics in sociology such as popular culture (including sports, religion and mass media), the military as a social institution, education, medicine, ethnographic film, apartheid, deviance or formal organizations. This course may be repeated for credit when topics vary. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015742)

### **SOCI 2371 Urban Social Problems (3)**

(Former course prefix/number SOC 231)

The sociology of social institutions is studied. Topics include urbanization, theories of formation, and the impact of urbanization on the individual. (3 Lec.)

(Coordinating Board Academic Approval Number 4511015742)

### **SOCI 2389 Applied Sociology Practicum (3)**

(This is a common course number. Former course prefix/number SOC 232)

An instructional program designed to integrate on-campus study with practical field experience in sociology. In conjunction with class seminars, the individual student will set specific goals and objectives in the study of human social behavior, and/or social institutions, and in the practice of community service. This course may be repeated for credit when field experience vary. (1 Lec., 4 Lab.)

(Coordinating Board Academic Approval Number 4501015142)

### **SOCW 2361 Introduction To Social Work (3)**

(This is a common course number. Former course prefix/number SOC 206)

The development of the field of social work is studied. Topics include the techniques of social work and the requirements for training in social work. (3 Lec.)

(Coordinating Board Academic Approval Number 4407015142)

## **SPANISH**

### **SPAN 1311 Beginning Spanish (3)**

(This is a common course number.)

This course is an introduction to Spanish speaking, comprehension, reading, writing and grammar. Cultural insights are also presented. Emphasis is on pronunciation, comprehension, and oral expression. It is strongly recommended that students who plan to study Spanish for more than one semester enroll in Spanish 1411 which includes an extra hour of lab per week (and an extra hour of credit for the course). Students who successfully complete Spanish 1311 and wish to continue their studies of Spanish may register for Spanish 1412. Laboratory fee. (3 Lec., 1 Lab.)

(Coordinating Board Academic Approval Number 1609055131)

### **SPAN 1411 Beginning Spanish (4)**

(This is a common course number. Former course prefix/number SPA 101)

The essentials of grammar and easy idiomatic prose are studied. Emphasis is on pronunciation, comprehension, and oral expression. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1609055131)

### **SPAN 1412 Beginning Spanish (4)**

(This is a common course number. Former course prefix/number SPA 102)

Prerequisite: Spanish 1411 or the equivalent or demonstrated competence approved by the instructor. This course is a continuation of Spanish 1411. Emphasis is on idiomatic language and complicated syntax. Laboratory fee. (3 Lec., 2 Lab.)

(Coordinating Board Academic Approval Number 1609055131)

### **SPAN 2311 Intermediate Spanish (3)**

(This is a common course number. Former course prefix/number SPA 201)

Prerequisite: Spanish 1412 or the equivalent or demonstrated competence approved by the instructor. Reading, composition, and intense oral practice are covered. Grammar is reviewed. (3 Lec.)

(Coordinating Board Academic Approval Number 1609055231)

### **SPAN 2312 Intermediate Spanish (3)**

(This is a common course number. Former course prefix/number SPA 202)

Prerequisite: Spanish 2311 or the equivalent or demonstrated competence approved by the instructor. This course is a continuation of Spanish 2311. Contemporary literature and composition are studied. Grammar is reviewed and expanded. (3 Lec.)

(Coordinating Board Academic Approval Number 1609055231)

# **SPEECH COMMUNICATION**

## **SPCH 1144 Speech Communication Laboratory (1)**

(This is a common course number. Former course prefix/number SC 100)

This laboratory course focuses on students applying speech communication skills through service projects, internships, and leadership activities. This course may be repeated for credit. (3 Lab.)

(Coordinating Board Academic Approval Number 2310016035)

## **SPCH 1145 Speech Communication Workshop (1)**

(This is a common course number. Former course prefix/number SC 110)

This laboratory course offers students a wide variety of applied speech communication experiences. This course may be repeated four times for credit. (2 Lab.)

(Coordinating Board Academic Approval Number 2310016035)

## **SPCH 1311 Introduction To Speech Communication (3)**

(This is a common course number. Former course prefix/number SC 101)

Theory and practice of speech communication behavior in one-to-one, small group, and public communication situations are introduced. Students learn more about themselves, improve skills in communicating with others, and make formal oral presentations. This course requires college-level skills in reading and writing. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015135)

## **SPCH 1315 Fundamentals Of Public Speaking (3)**

(This is a common course number. Former course prefix/number SC 105)

Public speaking is introduced. Topics include the principles of reasoning, audience analysis, collection of materials, outlining, and delivery. Emphasis is on the oral presentation of well prepared speeches. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015335)

## **SPCH 1318 Interpersonal Communication (3)**

(This is a common course number. Former course prefix/number SC 203)

This course presents theories and exercises in verbal and nonverbal communication with focus on interpersonal relationships. (3 Lec.)

(Coordinating Board Approval Number 2310015435)

## **SPCH 1321 Business And Professional Communication (3)**

(This is a common course number. Former course prefix/number SC 209)

Theories and skills of speech communication as applied to business and professional situations will be studied. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015235)

## **SPCH 1342 Voice And Articulation (3)**

(This is a common course number. Former course prefix/number SC 109)

Students may register for either Speech Communication 1342 or Drama 2336 but may receive credit for only one of the two. The mechanics of speech are studied. Emphasis is on improving voice and pronunciation. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015835)

## **SPCH 2144 Forensic Workshop (1)**

(This is a common course number. Former course prefix/number SC 201)

This course focuses on preparing speeches, readings, and debate propositions. Presentations are made in competition and before select audiences. This course may be repeated for credit. (2 Lab.)

(Coordinating Board Academic Approval Number 2310016035)

## **SPCH 2335 Discussion And Debate (3)**

(This is a common course number. Former course prefix/number SC 205)

Public discussion and argumentation are studied. Both theories and techniques are covered. Emphasis is on evaluation, analysis, and logical thinking. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015935)

## **SPCH 2341 Performance of Literature (3)**

(This is a common course number. Former course prefix/number SC 206)

Various types of literature are examined. Practice is provided in preparing and presenting selections orally. Emphasis is on individual improvement. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015735)

## **SPCH 2370 Group Interpretation (3)**

(Former course prefix/number SC 208)

This course offers practical experience in sharing fiction and nonfiction selections with audiences. Various types of literature are studied for group presentation. Emphasis is on selecting, cutting, and arranging prose and poetry, and applying reader's theatre techniques to group performance of literature. (3 Lec.)

(Coordinating Board Academic Approval Number 2310015735)

# **SUBSTANCE ABUSE**

## **(Substance Abuse Counselor Training)**

## **SCAT 1370 Physiology Of Addiction (3)**

(Former course prefix/number SA 109)

The course provides an understanding of the historical perspectives of chemical dependency, the terminology used to define the problems of chemical dependency and the types of chemicals used. The pharmacological, physiological, psychological and socio-cultural effects of alcohol, barbiturates, hallucinogens, tranquilizers, prescription drugs and stimulants on the human body will be studied. (3 Lec.)

**SCAT 1371 Alcoholism Counseling (3)**

(Former course prefix/number SA 113)

Specific counseling approaches used in treating persons labeled as alcoholics will be presented, including simulated individual and group counseling sessions. Students will be exposed to a variety of counseling styles and community and residential treatment programs. (3 Lec.)

**SCAT 2370 Alcoholism Treatment Models (3)**

(Former course prefix/number SA 203)

Prerequisite: Substance Abuse 1370 and Substance Abuse 1371. Prevalent approaches to treating alcoholism are studied. Various treatment models (detoxification, halfway houses, aftercare, and other self-help models) are examined. (3 Lec.)

**SCAT 2371 Prevention Of Substance Abuse (3)**

(Former course prefix/number SA 207)

A developmental approach to the study of alcohol (and other substance) abuse and dependency is presented. Exposure to literature and current trends in understanding and preventing substance addiction will be the focus of the course. (3 Lec.)

**SCAT 2372 Family Intervention In Substance Abuse And Dependency (3)**

(Former course prefix/number SA 211)

Prerequisites: Social Work 1371 and Substance Abuse 1370. Advanced counseling techniques which emphasize family intervention in treating chemical dependency are provided. The family systems approach is studied; actual counseling and role playing techniques are used. (3 Lec.)

**SCAT 2373 Issues in Substance Abuse And Dependency (3)**

(Former course prefix/number SA 215)

The American value system and resulting legal implications of addiction are analyzed. Other areas of study include prevention, rehabilitation, and the abuser's problematic relationships. (3 Lec.)

**SCAT 7472 Cooperative Work Experience (4)**

(Former course prefix/number SA 714)

Prerequisites: Evidence of the completion of the 270 contact hours of approved alcoholism and drug abuse education required by the Texas Certification Board of Alcoholism and Drug Abuse Counselors (TCBADAC). Approval of Program Coordinator and selected TCBADAC approved supervised field work practicum site supervisors. Students completing the necessary course work will be placed with various TCBADAC approved training site providers by the Program Coordinator. During the course, individuals will complete the 300 hours of training in the 12 core function area as prescribed by TCBADAC. The Practicum/Internship requires a minimum of 20 hours per week participation for 15 weeks. The seminar consists of issues covering professional identity, application of knowledge in human behavior, group dynamics, cultural diversity, alcohol and other drugs of abuse, and counseling approaches. (1 Lec., 20 Lab.)

## THEATRE

(See Drama and Dance)

## WELDING

**WLDG 1391 Special Topics in Welder/Welding Technologist (3)**

(This is a WECM course number. Former course prefix/number WLD 105)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. Laboratory fee. (1 Lec., 6 Lab.)



# Application for Admission

## Dallas County Community College District

Educational opportunities are offered by the Dallas County Community College District without regard to race, color, age, national origin, religion, sex, or handicap.

### SEMESTER YOU PLAN TO ENTER

- ☐ Fall (Aug. - Dec.) ☐ Spring (Jan. - May)  
☐ Summer I (June) ☐ Summer II (July)

Please check the college you plan to attend. Type or print in ink and complete all items.

☐ **Brookhaven College**  
3939 Valley View Lane  
Farmers Branch, TX 75244-4997  
972-860-4700

☐ **Cedar Valley College**  
3030 North Dallas Avenue  
Lancaster, TX 75134-3799  
972-860-8201

☐ **Eastfield College**  
3737 Motley Drive  
Mesquite, TX 75150-2099  
972-860-7100

☐ **El Centro College**  
Main & Lamar Streets  
Dallas, TX 75202-3604  
214-860-2037

☐ **Mountain View College**  
4849 West Illinois Avenue  
Dallas, TX 75211-6599  
214-860-8680

☐ **North Lake College**  
5001 N. MacArthur Blvd.  
Irving, TX 75038-3899  
972-273-3000

☐ **Richland College**  
12800 Abrams Road  
Dallas, TX 75243-2199  
972-238-6106

\* Your responses to these questions are voluntary.

### PERSONAL INFORMATION

SOCIAL SECURITY NUMBER



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GENDER \*

☐ M ☐ F

NAME Give full legal name. Do not use initials unless initials are your legal name.

Last

First

Middle

Give names, if different from above, that are on transcripts from other institutions.

ADDRESS

NUMBER

STREET

APARTMENT

CITY

STATE

ZIP

COUNTY

HOME PHONE NUMBER

( )

WORK PHONE NUMBER

( )

DATE OF BIRTH (MM/DD/YY)

ETHNICITY (How do you identify yourself?)\*

☐ International / Non-Immigrant

☐ Asian or Pacific Islander

☐ Black-Non-Hispanic

☐ American Indian or Alaskan Native

☐ Hispanic

☐ White-Non-Hispanic

MY PRIMARY LANGUAGE IS:\*

INTERNATIONAL AND NON-IMMIGRANT STUDENTS (You must see an international student specialist.)

☐ I have F-1 student visa status.

☐ I have other non-immigrant status.

Type of VISA \_\_\_\_\_ Date Issued: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Country of Residence: \_\_\_\_\_

PERSON TO BE NOTIFIED IN THE EVENT OF AN EMERGENCY

Name \_\_\_\_\_ Phone Number ( ) \_\_\_\_\_

### EDUCATIONAL INFORMATION

NAME OF LAST HIGH SCHOOL ATTENDED

CITY

STATE

DID YOU (or will you) GRADUATE FROM HIGH SCHOOL?

☐ Yes (Year of Graduation 19 \_\_\_\_)

☐ No (Last Year Attended: 19 \_\_\_\_)

☐ GED (Year Received 19 \_\_\_\_)

Official transcripts for all previous college work (except DCCCD colleges) must be submitted.

List all colleges attended, including DCCCD. Attach separate sheet, if necessary.

(list most recent first)

Name and Location (City and State)

Dates Attended

Fm (Mo/Yr)

To (Mo/Yr)

Hours/  
Credits

Degree, Cert.  
Received  
(if any)

Currently on  
Suspension  
Y N

	Name and Location (City and State)	Fm (Mo/Yr)	To (Mo/Yr)	Hours/ Credits	Degree, Cert. Received (if any)	Currently on Suspension Y N
1.						
2.						
3.						
4.						

### FOR OFFICE USE ONLY

E
Grad
HS Code
HS Year
College Codes
1.
2.
3.
4.
Residency Code
County Code
State Code
How Admitted
Semester
Citizen
TASP Status
Cond. Agreement
Staff

## DOCUMENTATION & OATH REQUIREMENT

### 1.) REQUIRED STATE RESIDENT VERIFICATION

DO YOU LIVE IN DALLAS COUNTY? <input type="checkbox"/> Yes <input type="checkbox"/> No	HOW LONG HAVE YOU LIVED IN TEXAS? Year(s) _____ Month(s) _____	PREVIOUS STATE OR COUNTRY OF RESIDENCE _____
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If you consider yourself a resident of TEXAS for tuition purposes, check which one of the following applies:

- a. ☐ I am a U.S. citizen.
- b. ☐ I am a Permanent Resident, Refugee or have other legal immigrant status.

Date residency document /card issued \_\_\_\_\_

Document /card number \_\_\_\_\_

**Documentation must be viewed by Admissions personnel.**

- c. ☐ I have filed with the proper federal immigration authorities a declaration of intention to become a citizen.

**Resident Information Viewed:**

**Date:**

### 2.) If your claim for residency is based upon your having lived in Texas for the past 12 months, please answer the following questions:

IF YOU CAME HERE WITHIN THE PAST 5 YEARS, WHY DID YOU MOVE TO TEXAS?

☐ Education ☐ Employment ☐ Other (Please Specify) \_\_\_\_\_

HAVE YOU BEEN EMPLOYED IN TEXAS FOR THE PAST 12 MONTHS? ☐ Yes ☐ No

### 3.) If your claim for residency is based upon a parent or legal guardian (and not yourself) please answer the following questions:

NAME OF THE PERSON UPON WHOM CLAIM IS BASED

Last \_\_\_\_\_ First \_\_\_\_\_ Middle \_\_\_\_\_

☐ Parent

☐ Legal Guardian

HOW LONG HAS THIS PERSON LIVED IN TEXAS?

Year(s) \_\_\_\_\_ Month(s) \_\_\_\_\_

PREVIOUS STATE OR COUNTRY OF RESIDENCE \_\_\_\_\_ IS THIS PERSON A U.S. CITIZEN? ☐ Yes ☐ No

IF THIS PERSON CAME HERE WITHIN THE PAST 5 YEARS, WHY DID THIS PERSON MOVE TO TEXAS?

☐ Education ☐ Employment ☐ Other (Please Specify) \_\_\_\_\_

HAS PARENT OR LEGAL GUARDIAN CLAIMED YOU AS A DEPENDENT FOR U.S. FEDERAL INCOME TAX PURPOSES FOR THE TAX YEAR PRECEDING YOUR REGISTRATION?

☐ Yes, if "Yes," provide copies of income tax return. ☐ No

WILL THIS PERSON CLAIM YOU AS A DEPENDENT FOR THE CURRENT TAX YEAR? ☐ Yes ☐ No

### OATH OF RESIDENCY

I understand that information submitted herein will be relied upon by college/university officials to determine my status for admission and residency eligibility. I authorize the college/university to verify the information I have provided and obtain my TASP test scores as necessary. I agree to notify the proper officials of the institution of any changes in the information provided. I certify that the information on this application is complete and correct and understand that the submission of false information is grounds for rejection of my application, withdrawal of any offer of acceptance, cancellation of enrollment, or appropriate disciplinary action.

Have you taken the TASP (Texas Academic Skills Program) test? ☐ Yes, if "Yes," month and year \_\_\_\_\_ ☐ No

APPLICANT'S SIGNATURE

DATE

The Admissions / Registrar's Office reserves the right to request additional information in order to comply with state residency requirements prior to enrollment.

**DOCUMENTS SUBMITTED TO MEET ADMISSIONS AND RESIDENCY REQUIREMENTS BECOME THE PROPERTY OF THE COLLEGE AND MAY NOT BE RETURNED.**