

**DMT 130 Medium Duty Diesel Engine Tune Up (4)**  
 3 hours lecture - 3 hours laboratory  
**Transfer acceptability:** CSU  
 The use of diesel tune up and diagnostic equipment. Topics include: fuel systems; compression testing; fuel pump and injection timing; troubleshooting procedures; alternators, regulators, and starting systems.

**DMT 135 Basic Hydraulics (4)**  
 3 hours lecture - 3 hours laboratory  
**Transfer acceptability:** CSU  
 Basic hydraulic system principles and service. Topics of study include hydraulic theory, safety requirements, hydraulic diagrams and ISO symbols, component operation, service and repair troubleshooting, and test equipment usage.

**DMT 196 Special Problems in Diesel Technology (.5-3)**  
*Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture or laboratory may be scheduled by the department. Refer to Class Schedule.*  
**Transfer acceptability:** CSU  
 A special study in topics in the area of interest to diesel mechanics, generally research in nature. The content to be determined by the need of the student under a signed contract with the instructor.

**DMT 197 Diesel Mechanics Technology Workshop (.5-3)**  
*Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture or laboratory may be scheduled by the department. Refer to Class Schedule.*  
**Transfer acceptability:** CSU  
 A special selection of topics specific in nature. The contents will vary depending on specific needs of the students and community.

**DMT 200 Diesel Engine Rebuilding I (4)**  
 3 hours lecture - 3 hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DMT 100  
**Recommended preparation:** DMT 105  
 Theory and practice in rebuilding diesel engines. Topics for study include disassembly, cleaning, inspection, and analysis of engine parts. Also included are cylinder head service, sleeve and piston service, advanced machining and measuring techniques.

**DMT 201 Diesel Engine Rebuilding II (4)**  
 3 hours lecture - 3 hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DMT 200  
**Transfer acceptability:** CSU  
 Theory and practice in rebuilding diesel engines. Topics for study include final cleaning, inspection and reassembly of engine parts. Also included are assembly measuring, torque procedures and torque-turn methods used on engine assembly, and engine testing upon completion of assembly.

## Digital Broadcast Arts (DBA)

Contact the Media Studies Department for further information.,  
 (769) 744-1150, ext. 2440  
 Office: P-31

### Associate in Arts Degrees –

AA Degree requirements are listed in Section 6 (green pages).  
 • Radio and Television

### Associate in Science Degrees –

AS Degree requirements are listed in Section 6 (green pages).  
 • Digital Video

### Certificates of Achievement –

Certificate of Achievement requirements are listed in Section 6 (green pages).  
 • Digital Video  
 • Entertainment Technology  
 • Radio and Television

### Certificates of Proficiency –

Certificates of Proficiency requirements are listed in Section 6 (green pages).  
 • Broadcast Journalism  
 • Digital Media

## PROGRAMS OF STUDY

### Broadcast Journalism

Provides a background in print journalism and broadcast journalism: practical experience in gathering, writing, editing and producing news. This certificate prepares students for employment in the television news industry.

#### CERTIFICATE OF PROFICIENCY

Program Requirements	Units
JOUR 101 Multimedia Writing and Reporting	3
JOUR 105 Multimedia News Writing and Production	3
DBA/ENTT 120 Digital Television Production	3
DBA 240B Beginning Television News/Sports	3
DBA 240D Advanced Television News/Sports	3
<b>TOTAL UNITS</b>	<b>15</b>

The Broadcast Journalism Certificate of Proficiency is also listed under Journalism.

### Digital Media

This program encompasses digital video editing in digital media. The certificate prepares students for employment in the film, video, Internet, and television industries. Major growth in this industry is anticipated as Internet and television merge into one medium.

#### CERTIFICATE OF PROFICIENCY

Program Requirements	Units
CINE/DBA 125 Beg Film/Video Field Production or	3
GCMW 165 Digital Video Design	3
DBA 270 Digital Video Editing	3
DBA 275 Avid Editing for Television & Film	3
GCMW 204 Motion Graphics for Multimedia	3
GCMW 205 Digital Video for Multimedia	3
<b>TOTAL UNITS</b>	<b>15</b>

Digital Media Certificate of Proficiency is also listed under Graphic Communications-Multimedia and Web.

### Digital Video

Digital Video encompasses editing and design in using digital media. This degree prepares students for employment in the film, video, Internet, and television industries.

## A.S. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
GCIPI 140 Digital Imaging/Photoshop I	3
GCMW 165 Digital Video Design	3
GCMW 204 Motion Graphics for Multimedia	3
GCMW 205 Digital Video for Multimedia	3
DBA/CINE 125 Beginning Film and Video Field Production	3
DBA 230 Digital Audio with Pro Tools	3
DBA 270 Digital Video Editing	3
DBA 275 Avid Editing for Television and Film	3

#### Electives (2 courses required, 6 units minimum)

ARTI 246 Digital 3D Design and Modeling	3
ARTI 247 Digital 3D Design and Animation	3

DBA 50	Basic Television Acting	1
DBA 110	Broadcast Writing and Producing	3
DBA 150	Performance and Acting for Broadcast and Film	3
DBA/CINE 170	Introduction to Video Editing	3
DT 180	3D Studio Max -	
	Introduction to 3D Modeling and Animation	3
ENTT/RTV 120	Basic Television Production	3
GCMW 101	Multimedia I	3
GCMW 104	Intro to Audio and Video for Post Production	3
GCMW 201	Multimedia II	3
GCMW 203	Web Multimedia	3
GCMW 206	Motion Graphics Production and Compositing	3
GCIP 141	Digital Imaging/Photoshop II	3
GCMW 229	Content Publishing for Mobile, Web and Apps	3
GCIP 152	Digital Publishing/Illustrator I	3
GCIP 240	Digital Imaging/Photoshop III	3
DBA/CINE 225	Intermediate Film and Video Field Production	3
GCIP 168	Digital Imaging with Drones	3
<b>TOTAL UNITS</b>		<b>30</b>

Digital Video A.S. Degree Major or Certificate of Achievement is also listed under Graphic Communications-Multimedia and Web.

## Entertainment Technology

This program will prepare students for employment in the fields of entertainment technologies at entry level. The areas of potential employment include theme parks, casinos, cruise ships, concerts, gallery display and design, event installations, live event technical support, and theatre venues providing non-theatre related events. Basic rigging and production safety will be a component of this program.

### CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
CSNT 110	Hardware and O.S. Fundamentals	4
DBA 100	Introduction to Radio and TV	3
DBA/ENTT 120	Digital Television Production	3
ENTT/TA 105	Introduction to Technical Theatre	3
ENTT/TA 107	Lighting for Stage and Television	3
TA/ENTT/ MUS 112	Basic Sound Reinforcement	3
TA/DNCE/ ENTT 124	Beginning Stage Management	3
TA 192A	Technical Theatre Practicum I	1

### Elective Courses (select 10 units):

TA/FASH/ ENTT 106A	Basic Costume I: Technology	3
TA/ENTT 108	Stagecraft and Scene Design for Theatre and Television	3
TA/FASH 109	Elementary Stage Make-Up	3
TA 111	Technical Theatre Production	0.5
TA/ENTT/ MUS 114	Advanced Sound Reinforcement	2
TA/ENTT 170	Computer Aided Drafting for Theatre	2
TA/ENTT 171	Advanced Lighting Lab	2
TA 192B	Technical Theatre Practicum II	1
TA 192C	Technical Theatre Practicum III	1
TA 192D	Technical Theatre Practicum IV	1
DBA/ENTT 103	Introduction to Audio-Visual Systems	3
DBA/ENTT 130	Radio Production	3
DBA 230	Digital Audio with Pro Tools	3
DBA 298A	Beginning Broadcast Internship	3
DBA 298B	Intermediate Broadcast Internship	3
DBA/ ENTT 298C	Advanced Broadcast Internships	3
FASH 126	Fashion Show Presentation	3
FASH 135	Introductory Sewing for Apparel	4
FASH 139	Pattern Making/Fashion Design	3
WELD 100	Welding I	3

**TOTAL UNITS** **33**

Entertainment Technology Certificate of Achievement also listed in Entertainment Technology and in Theatre Arts.

## Radio and Television

Provides entry-level skills in the field of digital radio and television broadcasting. Offers hands on experience in Digital broadcasting including Television news and sports. Broadcast journalism is a strong aspect of the program.

### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

#### Program Requirements

DBA 100	Introduction to Radio and TV	3
DBA 110	Broadcast Writing and Producing	3
DBA/ENTT 120	Digital Television Production	3
DBA/ENTT 130	Radio Production	3
DBA/CINE 170	Introduction to Video Editing	3
DBA 220	TV Production and Directing or	3
* DBA 230	Digital Audio Avid Pro Tools	3
DBA 240A	Basic Television News/Sports	3
DBA 298A	Beginning Broadcast Internship	3

#### Electives (Select 6 units)

DBA 100L	Introduction to Radio and Television Laboratory	1
DBA/ENTT 103	Introduction to Audio-Visual Systems	3
DBA 135A	Basic Radio Station Operations	3
DBA 135B	Beginning Radio Station Operations	3
DBA 135C	Intermediate Radio Station Operations	3
DBA 135D	Advanced Radio Station Operations	3
DBA 140	Radio News	3
DBA 150	Performance and Acting for Broadcast and Film	3
DBA 180	Sports Broadcasting	3
DBA 230	Digital Audio with Pro Tools	3
DBA 240B	Beginning Television News/Sports	3
DBA 240C	Intermediate Television News/Sports	3
DBA 240D	Advanced Television News/Sports	3
DBA/CINE 270	Digital Video Editing	3
DBA/CINE 275	Avid Editing for Television and Film	3
DBA 298B	Intermediate Broadcast Internship	3
BUS 150	Advertising	3
CINE/DBA 115	Creative Writing for Television and Cinema	3
CINE/DBA 125	Beginning Film and Video Field Production	3
CINE/DBA 225	Intermediate Film and Video Field Production	3
TA/ENTT 107	Lighting for Stage and Television	3
TA/ENTT 108	Stagecraft and Scene Design for Theatre and Television	3

**TOTAL UNITS** **30**

\*Students who are not planning to transfer to four-year university and who have a ratio emphasis may substitute DBA 230 for DBA 220.

### COURSE OFFERINGS

Courses numbered under 100 are not intended for transfer credit.

#### DBA 50 Basic Television Acting (1)

3 hours laboratory

**Note:** May not be taken for Pass/No Pass grading

Practice and performance in the basics of television acting. Special emphasis on movement for the camera, emotion, gestures, voice, techniques to copy interpretation, audition processes, agent and industry information. Prepares the actor for basic television acting through a variety of on-camera exercises and final productions.

**DBA 100 Introduction to Radio and TV (3)**

3 hours lecture

**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

A survey of American broadcasting, its development, impact and influence on our society; basic principles, mass communication theory, station operation programming, advertising, rating services, cable television, regulation, and censorship; in depth analysis of current issues and developments.

**DBA 100L Introduction to Radio and Television Laboratory (1)**

3 hours laboratory

**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Practice in use of radio and television studio equipment. Designed for students who are not Radio Television majors.

**DBA 103 Introduction to Audio-Visual Systems (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** Cross listed as ENTT 103; may not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Provides a theoretical and practical foundation in temporary and permanent video and audio systems technology for entertainment applications such as theatre, corporate events, hotel/ballroom A/V work, theme parks, museums and other related applications.

**DBA 110 Broadcast Writing and Producing (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Creating and developing ideas and materials for broadcast. Problems of timing, pacing, visualization, and expression. Techniques of scripting for radio and television.

**DBA 115 Creative Writing for Television and Cinema (3)**

3 hours lecture

**Note:** Cross listed as CINE 115**Transfer acceptability:** CSU

Instruction and practice in the art of dramatic script writing. Emphasis is placed on the development of the initial story idea into a viable, professional shooting script for television or film.

**DBA 120 Digital Television Production (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** Cross listed as ENTT 120; may not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

The terminology, practices, and aesthetic considerations of visual and sound productions. Principles of producing, staging, shot composition, directing, blocking, graphics, studio techniques, and lighting, for television.

**DBA 125 Beginning Film and Video Field Production (3)**

1½ hours lecture - 4½ hours laboratory

**Recommended preparation:** CINE 100 or DBA 100L**Note:** Cross listed as CINE 125**Transfer acceptability:** CSU; UC – CINE/DBA 125 and 225 combined: maximum credit, one course

A study of the basic techniques of field production using Super 8 or 16mm film or analog or digital video equipment as applied to various cinematic forms. The student will work with a team on a project through the preproduction, shooting, and postproduction phases of narrative storytelling for the screen.

**DBA 130 Radio Production (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** Cross listed as ENTT 130; may not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Techniques and theories of audio production in the preparation of radio programs. Use of audio mixing and recording equipment, editing and dubbing, microphone techniques and program construction. A program produced by the student will be broadcast on radio station KKSM.

**DBA 135A Basic Radio Station Operations (3)**

9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in DBA/ENTT 130**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Introduction to radio station operations and audio production skills along with practical exercises using broadcast equipment and techniques.

**DBA 135B Beginning Radio Station Operations (3)**

9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in DBA 135A**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Beginning radio station operations and audio production skills with emphasis on developing a format radio show.

**DBA 135C Intermediate Radio Station Operations (3)**

9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in DBA 135B**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Intermediate radio station operations and audio/editing production skills with emphasis on creating a unique radio show.

**DBA 135D Advanced Radio Station Operations (3)**

9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in DBA 135C**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Advanced radio station programming operations and audio production editing. Special emphasis in broadcast management training.

**DBA 140 Radio News (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Introduction to the principles of radio news writing, rewriting, editing, gathering (by audio recording and news wire services), and announcing. Student will incorporate learning into the production of radio newscasts for radio station KKSM.

**DBA 150 Performance and Acting for Broadcast and Film (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Techniques of preparation and delivery of materials before microphone and camera.

**DBA 170 Introduction to Video Editing (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** Cross listed as CINE 170; may not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Covers the technical and theoretical aspects of film and video editing. Provides an introduction to the basic techniques, elements of editing language, the various technical processes used, introduction to Final Cut Pro software, as well as the related skills necessary for editing digital media.

**DBA 180 Sports Broadcasting (3)**

1½ hours lecture - 4½ hours laboratory

**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Sports broadcasting: anchoring, reporting, play-by-play, and color announcing techniques.

**DBA 194A Radio Operations (1, 2, 3)**

3, 6, or 9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in DBA/ENTT 130**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU

Advanced research projects designed to meet the specific needs of student's interest in radio station operations. Projects may be chosen for production by the College or by the individual student.

**DBA 194B Experimental Topics Television Operations** (1, 2, 3)  
 3, 6, or 9 hours laboratory  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Individual television projects, including operations of television equipment in college produced television programs or individual productions.

**DBA 197 Radio and Television Topics** (.5 - 4)  
*Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department.*  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Topics in Radio and Television. See Class Schedule for specific topic offered. Course title will designate subject covered.

**DBA 220 TV Production and Directing** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Techniques and theories of television production and direction. Practice in pre production planning, staging, studio production, and editing. Duties and responsibilities of director and production crew. Production of fully scripted television programs for airing on cable and broadcast stations.

**DBA 225 Intermediate Film and Video Field Production** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of 'C' in CINE/DBA 125  
**Note:** Cross listed as CINE 225  
**Transfer acceptability:** CSU; UC – CINE/DBA 125 and 225 combined: maximum credit, one course.  
 Principles, techniques, and theory of field production using digital or analog video or 16mm film equipment. Theory and practice of off line linear or nonlinear editing.

**DBA 230 Digital Audio Avid Pro Tools** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Transfer acceptability:** CSU  
 Principles and techniques of editing radio, television, and film audio projects using Avid Pro Tools software and technology. Digitizing audio source material, working knowledge of Avid Pro Tools interface, use of multi-track audio editing system, mic and recording techniques.

**DBA 240A Basic Television News/Sports** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DBA/ENTT 120; completion of, or concurrent enrollment in DBA/ENTT 120  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Basic principles of broadcast scripting, gathering, and editing of television news and/or sports. Learn the technical studio production elements of a news or sports cast.

**DBA 240B Beginning Television News/Sports** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DBA 240A  
**Recommended preparation:** DBA 110  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Students perform as members of the TV News and Sports broadcast team at a beginning level. Students will assist in the production of the College's various live newscasts and sportscasts for airing on cable television, and will participate in a variety of TV broadcast roles.

**DBA 240C Intermediate Television News/Sports** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DBA 240B  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Intermediate level skills are applied as members of the on-air crew and production team, producing TV News and Sports broadcasts. Students will produce the College's various live newscasts and sportscasts for airing on cable television, participating in a variety of TV broadcast roles.

**DBA 240D Advanced Television News/Sports** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Recommended preparation:** DBA 240C  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Advanced principles and application of techniques and theory of local TV News reporting, sports reporting, news gathering, producing, and editing an ongoing weekly TV news/sports program. Production of newscasts for airing on cable television.

**DBA 270 Digital Video Editing** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Note:** Cross listed as CINE 270  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Principles and techniques of digital non-linear video editing for broadcast TV and film. Overview of Adobe Premiere software program. Application of professional operational and aesthetic editing principles.

**DBA 275 Avid Editing for Television and Film** (3)  
 1½ hours lecture - 4½ hours laboratory  
**Note:** Cross listed as CINE 275  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Principles and techniques of editing video and film projects using Avid technology. Digitizing source material, storyboarding, timeline, audio editing, importing and exporting graphics, outputting, and media management.

**DBA 294 Radio Programming Projects** (3)  
 9 hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DBA/ENTT 130  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Advanced radio projects to meet the specific needs of the student's interest in radio programming. Work on college produced broadcast productions.

**DBA 298A Beginning Broadcast Internship** (3)  
 9 hours laboratory  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Beginning internships at radio and television broadcast stations, Palomar College TV, cable companies, and other communications facilities. Prior internship experience not required; assumes entry-level skills and production experience. May involve entry-level work on independent productions including research, scripting, and pre-production planning.

**DBA 298B Intermediate Broadcast Internship** (3)  
 9 hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DBA 298A  
**Note:** May not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Intermediate internships at radio and television broadcast stations, Palomar College TV, cable companies, network affiliates, and other communications facilities. At least one prior internship experience required; assumes intermediate level skills and production experience, and may involve intermediate level duties and assignments. May involve intermediate level work on independent productions, including research, scripting, pre-production planning, and shooting.



**DBA 298C Advanced Broadcast Internships** (3)  
 9 hours laboratory  
**Prerequisite:** A minimum grade of 'C' in DBA 298B  
**Note:** Cross listed as ENTT 298C; may not be taken for Pass/No Pass grading  
**Transfer acceptability:** CSU  
 Work on advanced television production including individual research, work on advanced college produced programs, or internships at local Network affiliate broadcast stations, radio stations, cable companies, and other professional communications facilities.

## Disability Resource (DR)

Contact the Disability Resource Center for further information.  
 (760) 744-1150, ext. 2375  
 Office: DSPS

### COURSE OFFERINGS

Courses numbered under 50 are non-degree courses.  
 Courses numbered under 100 are not intended for transfer credit.

**DR 15 English Essentials for Students with Disabilities** (3)  
 3 hours lecture  
**Note:** Pass/No Pass grading only; Students must have the ability to learn in a group setting. Students must be able to produce computer generated work by using the keyboard or other assistive technology.  
 Non-degree Applicable  
 Provides special assistance for students with disabilities to develop basic skills in written communication. Working with computers is part of the class format.

**DR 18 Phonics for Students with Disabilities** (3)  
 3 hours lecture  
 Non-degree Applicable  
 This course is designed to meet the needs of students with disabilities. It teaches the use of phonics as a spelling and reading strategy.

**DR 20 Pre-Algebra Support** (3)  
 3 hours lecture  
**Note:** Pass/No Pass grading only  
 Non-degree Applicable  
 Provides programmed instruction on an individual and/or small group basis to students with disabilities. Practice in understanding and performing basic arithmetic tasks necessary for successful functioning in society.

**DR 25 Algebra Support** (1.5,3)  
 1½ or 3 hours lecture  
**Recommended preparation:** MATH 15 or eligibility for MATH 50  
**Note:** Pass/No Pass grading only  
 Non-degree Applicable  
 Provides personalized instruction in basic study management techniques for the support of students with disabilities in mainstream classes. The course will help students with disabilities to develop specialized study techniques and interpersonal skills needed for success in mainstream classes.

**DR 26 Composition Skills and Strategies for the Intermediate Writer** (3)  
 3 hours lecture  
**Recommended preparation:** ENG 10 or eligibility for ENG 50  
 Non-degree Applicable  
 This class is designed to help students with disabilities improve their intermediate composition skills through methods and strategies specific to their disabilities.

**DR 40 Adapted Computer Skills** (3)  
 3 hours lecture  
 Non-degree Applicable  
 Provides computer training using specialized software and hardware adaptations to assist students with disabilities to develop skills in word processing and Internet research.

**DR 41 Advanced Adapted Computers for Students with Disabilities** (3)  
 3 hours lecture  
**Recommended preparation:** DR 40  
 Non-degree Applicable  
 Provides training in more advanced software for students with disabilities by using their prescribed access technology.

**DR 43.1 Software for Students with Vision Loss I** (3)  
 3 hours lecture  
**Recommended Preparation:** Keyboarding skills with a minimum of 15 words per minute  
 Non-degree Applicable  
 Provides training using specialized software and hardware adaptations to assist students with blindness/low vision to develop computer skills.

**DR 43.2 Software for Students with Vision Loss II** (3)  
 3 hours lecture  
**Recommended Preparation:** Keyboarding skills with a minimum of 15 words per minute along with prior experience with a screen reading or magnification application  
 Non-degree Applicable  
 Provides training using specialized software and hardware adaptations in combination with Microsoft Office, Internet Explorer, and other academic applications.

**DR 45L Adapted Computer Laboratory** (1)  
 3 hours laboratory  
**Note:** Pass/No Pass grading only  
 Non-degree Applicable  
 Provides supervised hands on opportunities to acquire and reinforce skills on computer equipment adapted for students with disabilities.

**DR 47 Topics in Disability Resource** (.5-3)  
*Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.*  
 Non-degree Applicable  
 Topics in disability resource. See Class Schedule for specific topic offered. Course title will designate subject covered.

## Drafting Technology (DT)

Contact the Trade and Industry Department for further information.  
 (760) 744-1150, ext. 2545  
 Office: T-102A

### Associate in Science Degrees -

AS Degree requirements are listed in Section 6 (green pages).

- Computer Assisted Drafting
- Drafting Technology - Multimedia
- Drafting Technology - Technical
- Electro-Mechanical Drafting and Design
- Interactive Media Design - Emphasis in 3D Modeling and Animation
- Interactive Media Design - Emphasis in Multimedia Design

### Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Computer Assisted Drafting
- Drafting Technology - Multimedia
- Drafting Technology - Technical
- Electro-Mechanical Drafting and Design
- Interactive Media Design - Emphasis in 3D Modeling and Animation
- Interactive Media Design - Emphasis in Multimedia Design