ASSOCIATE IN APPLIED SCIENCE DEGREE

COMPUTER-AIDED DRAFTING AND DESIGN TECHNOLOGY^{TP}

About Our Program

The Computer-Aided Drafting & Design Technology Major program will prepare you to work as a drafts person, introducing you to architectural and mechanical design. Approximately 1/2 of the courses taken are in drafting and design technology. You will also take courses in related areas and general education.

We utilize CADD operations extensively. Micro-Station PC, Auto CADD, and 3D software programs are available to our students. These programs are the most widely used in industry in our service area.

Computer-Aided Drafting & Design Technology Major classes are available to evening students. Flexible class schedules can be arranged to prevent conflict with your work schedule.

Opportunities For Employment

The Associate in Applied Science degree with a Computer-Aided Drafting & Design Technology Major is designed to prepare you for employment upon completion of the program in these areas of drafting & design: mechanical, architectural, structural steel, and civil engineering.

Special Considerations

Students are required to take English and mathematics placement tests. It may be required for you to correct any deficiencies in the developmental studies program.

You may not take a course out of normal sequence without the approval of your instructor. Approval will be based on drafting experience or drafting courses previously completed. Students not enrolled in the Drafting curriculum, but wishing to take Drafting courses must first obtain permission of the instructor.

The Computer-Aided Drafting & Design Technology Major program allows the completion of the requirements of the four semester associate degree in less than four semesters through the college articulation program. These course credits are earned by the validation of drafting skills learned in a vocational school or on-the-job experience. Entry into the program requires regular application to the College, regular Computer-Aided Drafting & Design Technology program requirements, and recommendations of the vocational drafting instructor or verification of basic skills by your employer.

You should consult with a faculty advisor and the College counselor in planning your appropriate program.

Program Contacts

Dr. Richard Phillips, *Dean*
Faculty Contacts: Mr. Shuler Ringley,
Mr. Jake Gilly
Location: Dalton-Cantrell Hall - First Floor

MOUNTAIN EMPIRE

2006-07

Community College

Computer-Aided Drafting and Design Technology[TP]

		Lec Hrs.	Lab Hrs.	Crse Cr.
FIRST YEAR				
First Semester				
ENG 111	College Composition I	3	0	3
DRF 151	Engineering Drawing Fundamentals I	1	4	3
DRF 160	Machine Blueprint Reading	3	0	3
DRF 200	Survey of Computer-Aided Drafting	3	2	4
MTH 105	Technical Mathematics I	2	0	2
SDV 100	Orientation	1	0	1
	Total	**13**	**6**	**16**
Second Semester				
Humanities Elective		3	0	3
DRF 127	Introduction to Geometric Dimensioning & Tolerancing	1	0	1
DRF 152	Engineering Drawing Fundamentals II	1	4	3
DRF 201	Computer Aided Drafting	2	2	3
MEC 113	Materials and Processes of Industry I	4	0	4
MTH 106	Technical Mathematics II	2	0	2
	Total	**13**	**6**	**16**
SECOND YEAR				
Third Semester				
ARC 121	Architectural Drafting I	2	3	3
CIV 171	Surveying I	2	3	3
DRF 231	Computer Aided Drafting I	2	2	3
HLT or PED		2	0	2
Social Science Elective		3	0	3
IND 137	Team Concepts & Problem Solving	3	0	3
	Total	**14**	**8**	**17**
Fourth Semester				
ARC 122	Architectural Drafting II	2	3	3
CIV 172	Surveying II	2	3	3
DRF 298	Seminar and Project	2	6	4
or				
DRF 290	Coordinated Internship	0	0	4
DRF 232	Computer Aided Drafting II	2	2	3
DRF 233	Computer Aided Drafting III	1	3	2
Social Science Elective		3	0	3
	Total	**10/12**	**11/17**	**18**

67 credits required to graduate

[TP]This program is part of the Tech Prep Initiative; students having successfully completed certain high school courses may qualify for advanced standing and receive free credit in equivalent college courses. Please see your advisor for additional information.