

## DRAFTING One-Year Certificate

Fall Semester		Credits
COSC 125	Business Microcomputer Applications	3
DRFT 110*	Technical Drafting I	3
DRFT 150*	Computer Aided Drafting (CAD)	4
ENGL 118	Technical Composition	3
MATH 115	Intermediate Algebra and Applications	4
Total		17

Spring Semester		
DRFT 112	Materials & Processes	3
DRFT 115	Technical Drafting II	4
DRFT 260	Advanced AutoCAD	4
MATH 180	Trigonometry	3
Approved Drafting Elective**		4
Total		18

\*DRFT 110 and DRFT 150 should be taken in the same semester.

\*\*Approved electives are: COGR 295, DMAD 170, DMAD 172, DMAD 240, DRFT 195, DRFT 225, DRFT 260, DRFT 295, GEOG 120, or GEOG 151.

## DRAFTING Associate of Applied Science Degree

Two degree options and one certificate option are available for students interested in pursuing a career in drafting: students can obtain a one year certificate in drafting and/or two year AAS degrees in Civil Drafting and Design, and Mechanical Drafting and Design. Civil Drafting and Design provides students with a firm technical foundation in civil drafting, while the Mechanical Drafting and Design program provides a mathematical and scientific foundation for entry-level positions in engineering technology.

### Approved Electives\*

The following electives will be applicable to either of the programs, unless a selected course is a program requirement.

		Credits
COGR 295	Special Topics	1-4
DMAD 170	Intro to Digital Editing	2
DMAD 172	Digital Editing II	2
DMAD 240	3D Design/Animation	4
DRFT 195	Special Topics	1-4
DRFT 225	Piping Design and Drafting	4
DRFT 248	Civil Drafting I	4
DRFT 260	Advanced AutoCAD	4
DRFT 295	Special Topics	1-4
GEOG 120	GPS and Surveying Methods	4
GEOG 151	Geographic Information Systems I	4

Option: DRFT 280: Cooperative Education, 1-12 may be substituted for course work during the third and fourth semesters with the approval of the dean.