



**Certificate
COMPUTER AIDED DRAFTING**

This program prepares you for entry-level positions in architectural drafting. You will be skilled in both manual and computer-aided drafting.

GENERAL EDUCATION REQUIREMENTS (9-10 crs)

**COMPLETED Planned Timeline
(By Semester)**

Communications (3 crs)

ENG 109 Basic English II (3)

Pre-requisites: ENG 108 or adequate score on the Course Placement Evaluation

Math/Computers/Lab Sciences (6-7 crs)

BCIS 102 Computer Literacy (3)

MATH 102 Basic Algebra (4)

Pre-requisite: MATH 100 or adequate score on the Course Placement Evaluation

PROGRAM REQUIREMENTS (28 crs)

DRFT 100 Computer Aided Drafting I (4)

DRFT 101 Residential CAD I (4)

Pre-requisite: DRFT 100

DRFT 103 Surveying and CAD Mapping I (4)

Pre-requisites: DRFT 100, MATH 100, and ENG 108

DRFT 111 Commercial Building CAD (4)

Pre-requisites: DRFT 101, and MATH 100 and ENG 108

DRFT 199 Job Skills (1)

Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

DRFT 209 Computer Aided Drafting II (4)

Pre-requisites: DRFT 100

Choose one of the following pairs of courses:

DRFT 111 Commercial Building CAD (4) and

Pre-requisites: DRFT 101, MATH 100 and ENG 108

DRFT 201 Residential CAD II (4)

Pre-requisite: DRFT 101

or

DRFT 112 Mechanical Engineering CAD II (4) and

Pre-requisites: DRFT 102, MATH 100, ENG 108

DRFT 202 Mechanical Engineering CAD III (4)

Pre-requisite: DRFT 112

or

DRFT 113 Surveying and CAD Mapping II (4) and

Pre-requisites: DRFT 103, MATH 102

DRFT 203 Civil Engineering CAD (4)

Pre-requisite: DRFT 113

TOTAL CREDIT HOURS 38-39

Educational Planning Form (Semester)

Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units