

Computer Aided Drafting Career Exploration

Career Studies Certificate (221-729-95)

Purpose This program is designed to expose students to entry-level job requirements of positions in technologies using computer aided drafting or CAD. The courses provide training in the use of AutoDesk's computer aided design software, AutoCAD, Inventor and Architectural Desktop. This program also provides an excellent foundation for continued study in engineering technology programs.

Occupational Objectives CAD operator.

Admissions Requirements

Applicants must meet the general requirements for admission to the college.

To be successful in this program, students must have demonstrated Math and English competency to be placed in Algebra 1 and English 111. Students not achieving this level will be required to take developmental courses or receive departmental approval.

Students who have not completed Algebra I in high school with a "C" or better will be required to take the placement test. Those who do not place above Algebra I (MTH 3) and into Algebra II (MTH 4) or higher on the placement test will be required to take developmental courses.

Program Requirements

To be successful in this program, students must possess basic computer literacy to include keyboard and mouse usage and file management.

Curriculum and Other Requirements

DRF 201*	Computer Aided Drafting and Design I	3
DRF 202*	Computer Aided Drafting and Design II	3
DRF 203*	Computer Aided Drafting and Design III (or Architectural CAD Applications Software ARC 221)	3

Total Minimum Credits for Certificate

9

* This course has a prerequisite. Prerequisites for all courses are listed in the course description section at the back of the catalog.

Suggested High School....

* Students must complete Algebra I–II and Geometry.

Junior

DRF 201

Senior

DRF 202

DRF 203 or ARC 221

Suggested Post High...

Fall

DRF 201

Spring

DRF 202

Fall

DRF 203 or ARC 221

Note: Dual-enrolled high school students will not be able to officially enroll in and/or graduate from this program until the end of the last semester of their senior year.