

Computer Aided Drafting Certificate of Completion

PROGRAM DESCRIPTION

The certificate of completion in Computer Aided Drafting (CAD) prepares students for entry-level employment in the drafting field.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- (8-32 GB usb/flash drive, basic office supplies, notebooks), \$100
- Recommended: A home or laptop computer capable of running the latest version of the Windows operating system and the latest version of Microsoft Office, \$600. Contact program instructors for specifics.

Enrollment Fees

- \$10 per credit for online courses

PROGRAM ENTRANCE REQUIREMENTS

Academic Entrance Requirements

- Recommended: High school diploma or GED
 - Minimum placement scores resulting in WR 121 Academic Composition placement or completion of WR 065 Rhetoric/Critical Thinking II/WR 095 Basic Writing II ("C" or better)
 - Minimum placement scores resulting in MTH 085 Technical Mathematics I placement or completion of MTH 020 Pre-Algebra and/or MTH 060 Algebra I equivalent
 - Basic computer competency (or CIS 010 Computer Keyboarding and CIS 070 Intro to Computers: Windows)

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- All courses in the program must be completed with a grade of C or higher.

PROGRAM COURSE REQUIREMENTS

Core Requirements

CIS 120	Computer Concepts	4
CIS 125A1	AutoCAD 1	4
CIS 125A2	AutoCAD 2	4
CIS 125V	Visio	4
CIS 135A1	AutoDESK Revit 1	4
CIS 135A2	AutoDESK Revit 2	4
CIS 135C1	AutoCAD Civil 3D	4
CIS 135S1	SolidWorks 1	4
CIS 135S2	SolidWorks 2	4

Other Required Courses

Human Relations courses		3-4
MTH 085	Technical Mathematics I (or higher)	3-4
or BA 104	Business Math	
WR 121	Academic Composition	4

Total Credits 46-48

ADVISING NOTES

Core Computer and Information Systems program courses (CIS) are all offered two to three quarters each academic year. All CIS elective courses are offered one to two quarters an academic year. Planning ahead is important. Students may take non-program support courses any term to build skills related to prerequisites.