

# CAD TECHNICIAN, SC

CADD 142	Technical Drafting III	3
<b>Total Units</b>		<b>21</b>

## Program Description

The Drafting and CAD Skills Certificate is designed to provide training and technical job skills to students seeking employment and/or skill upgrades. A drafting technician works with designers and engineers within a variety of industries including manufacturing, architecture, construction, and landscaping. The program is competency-based. Students complete a variety of hands-on learning exercises ranging from manually produced drawings to intermediate computerized two-dimensional projects.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

## Recommended Course Schedule

1st semester		Units
DFT 100	Basic Drafting Principles	3
DFT 110	Print Reading for Industry	3
CADD 100	Introduction to Computer-Aided Drafting	3
<b>Semester Total</b>		<b>9</b>
2nd semester		Units
CADD 105	Intermediate Computer-Aided Drafting	3
CADD 140	Technical Drafting I	3
CADD 141	Technical Drafting II	3
<b>Semester Total</b>		<b>9</b>
3rd semester		Units
CADD 142	Technical Drafting III	3
<b>Semester Total</b>		<b>3</b>
<b>Total Units</b>		<b>21</b>

## Program Outcomes

Students completing the certificate will:

PSLO1: Demonstrate academic and practical knowledge of drafting standards and theory as it relates to working with designers and engineers within a variety of industries including manufacturing, architecture, and construction.

PSLO2: Prepare technical drawings and presentations demonstrating understanding of manual and CAD drawings techniques.

PSLO3: Be eligible to take the ADDA (AD) Apprentice Drafter and/or (CD) Certified Drafter Exams and/or the Autodesk Certified Professional Exam.

## Program Requirements

Skills Certificates provide training for entry-level positions or career advancement and are designed to prepare students to take state, national and/or industry-recognized certifications or licensing exams. Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester (Students are unable to declare intent to complete a skills certificate.) Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

Code	Title	Units
<b>Certificate Requirements</b>		
DFT 100	Basic Drafting Principles	3
DFT 110	Print Reading for Industry	3
CADD 100	Introduction to Computer-Aided Drafting	3
CADD 105	Intermediate Computer-Aided Drafting	3
CADD 140	Technical Drafting I	3
CADD 141	Technical Drafting II	3