

# DRAFTING CAD TECHNOLOGY

## PROGRAM DESCRIPTION

This program provides courses in the computer assisted drafting (CAD) and technical subject areas as well as the required general education courses to prepares students to transfer to a university. This program will provide knowledge in computer assisted drafting technology.



## **CTE STANDARDS**

[SYLLABUS](#)

## **SCOPE & SEQUENCE**

[CERTIFICATE SHEET](#)

## JOB OUTLOOK

Employment of drafters is projected to grow 7 percent from 2016—2026, about as fast as the average for all occupations. Increased construction activity is projected to drive demand for drafters, but this expected to be tempered as engineers and architects increasing perform some tasks previously done by drafters.

## COST REQUIREMENTS

Upon Acceptance in to Program -

- AWC Tuition and books paid for by STEDY
- \$ 25.00 STEDY Enrollment fee



# STEDY

[www. STEDYcte.org](http://www.STEDYcte.org)

**STEDY Office**

**928-366-5884**

**stedy@stedy01.org**

## STUDENTS REQUIREMENTS

- ◆ English with a "C" or better
- ◆ CTED district resident
- ◆ Enrolled in High School
- ◆ Minimum GPA of 2.0
- ◆ On track with credits/courses towards graduation
- ◆ History of good attendance
- ◆ Two Year Program commitment
- ◆ Transportation is the responsibility of the student; YCAT available at no cost

## Next Steps, College Majors!

(Click the logo to view)



## Drafting CAD Technology

Grade Level: 10, 11, 12      Class: In person, online  
 Location: AWC      Times: Vary

Year	Semester	STEDY PROGRAM	College Course	College Credit Hours per Course	Total HS Credit per Col-lege Course	Total HS Credit per CTE Course
1	1 Fall	Drafting CAD Technology	DFT 100 Auto CAD-Drafting 1	3	0.5	1
			DFT 106 Revit 1 Introduction to Revit Modeling-Drafting	4	0.5	
1	2 Spring	Drafting CAD Technology	DFT 102 Auto CAD 2-Drafting 2	4	0.5	1.5
			DFT 201 Construction Graphics 1	4	0.5	
			DFT 107 Revit 2 Revit Modeling-Drafting	4	0.5	
2	1 Fall	Drafting CAD Technology II	DFT 202 Construction Graphics 2	4	0.5	1.5
			DFT 203 Auto CAD 3-Drafting 3	4	0.5	
			DFT 208 Revit 3 Revit MEP	4	0.5	
2	2 Spring	Drafting CAD Technology II	DFT 204 Auto CAD 4-Drafting 4	4	0.5	1.5
			DFT 209 Revit 4 Structural-Drafting	4	0.5	
			CIS 120 Introduction to computer Information Systems	3	0.5	
<b>Total Credits</b>				39	5.5	
				College	High School	

### Recommended High School courses:

- Algebra
- Physics
- Art
- Computers
- Construction
- Engineering