



Computer - Aided Drafting Technology Certificate of Proficiency - Level One

CERT1.DFTG
2023-2024

Texas Southmost College
Division of Arts and Sciences

This program provides training in basic computer drafting applications. It prepares graduates for employment in architectural drafting, construction and manufacturing-related industries. Upon completion of the program, graduates will be able to produce correct drawings manually or with CAD programs, complete drafting assignments with minimum supervision, and communicate effectively in order to work in drafting team assignments.

Recommended Course Sequence

Core Courses	Credits	Suggested Semester
DFTG 1405* Introduction to Technical Drawing	4	Fall
DFTG 1409* Basic Computer - Aided Drafting	4	Fall
DFTG 1491* Special Topics in Drafting and Design Technology/Technician	4	Fall
DFTG 1417* Architectural Drafting - Residential	4	Spring
DFTG 2421* Topographical Drafting	4	Spring
DFTG 2440* Solid Modeling/Design	4	Spring
Total Credit Hours for Graduation	24	



Check course core designation at the [Class Availability website](#).

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.

Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

1. Graduates of the Level 1 Certificate in CADT will be able to demonstrate knowledge of drafting conventions including symbols, line types, line weights, and dimension styles as applicable to the design discipline.

*Grade of "C" or better is required for graduation.