This program provides training in computer drafting applications to gain proficiency in the production of construction, structural, solid modeling, and pipe drafting. Upon completion of the program, graduates are trained to be employed as drafting technicians in architectural drafting, general building construction, CAD modeling design, industrial piping, and related manufacturing industries.

Recommended Course Sequence

General Education/Core Curriculum Courses	Credits	Suggested Semester
MATH 1314* College Algebra	3	Fall/Year 1
ENGL 1301* Composition I	3	Spring/Year 1
SPCH 1315 Public Speaking OR	3	Fall/Year 2
SPCH 1318 Interpersonal Communication		
XXXX X3XX† Social and Behavioral Sciences Elective	3	Spring/Year 2
XXXX X3XX† Language, Philosophy & Culture Elective OR	3	Spring/Year 2
XXXX X3XX† Creative Arts Elective		

Program Courses	Credits	Suggested Semester
DFTG 1405* Introduction to Technical Drawing	4	Fall/Year 1
DFTG 1409* Basic Computer-Aided Drafting	4	Fall/Year 1
DTFG 1491* Special Topics in Drafting and Design Technology/Technician	4	Fall/Year 1
DFTG 1417* Architectural Drafting - Residential	4	Spring/Year 1
DFTG 2421* Topographical Drafting	4	Spring/Year 1
DFTG 2440* Solid Modeling/Design	4	Spring/Year 1
DFTG 2428* Architectural Drafting – Commercial	4	Fall/Year 2
ARCE 1352* Structural Drafting	3	Fall/Year 2
DFTG 1430* Civil Drafting I	4	Fall/Year 2
DFTG 2323* Pipe Drafting	3	Spring/Year 2
DFTG 2432* Advanced Computer-Aided Drafting	4	Spring/Year 2
DFTG 2386* Internship – Drafting and Design Technology/Technician	3	Fall/Year 2
Total Credit Hours for Graduation	**60**	

*Grade of "C" or better is required for graduation.
†Students may take any course within this category of the TSC General Education Core Curriculum.

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 AAS in CADT will be able to read and create multi-view mechanical and architectural drawings compliant to industry.

2. Graduates will be able to develop two-dimensional drawings using CAD software.

3. Graduates will be able to prepare detailed architectural construction drawings using computer-aided software.

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.