

**Computer-Aided Drafting Technology**  
**Associate of Applied Science**

Texas Southmost College  
Division of Science Technology, Engineering & Mathematics

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.

**FIRST YEAR – FALL SEMESTER** **CREDIT HOURS**

	MATH 1314+ College Algebra .....	3
Fall 2023	DFTG 1405+ Introduction to Technical Drafting .....	4
Spring 2024	DFTG 1409+ Basic Computer - Aided Drafting .....	4
	DFTG 1491+ Special Topics in Drafting and Design Technology/Technician .....	4

**FIRST YEAR – SPRING SEMESTER**

	ENGL 1301+ Composition I.....	3
Fall 2024	DFTG 1417+ Architectural Drafting - Residential.....	4
	DFTG 2421+ Topographical Drafting.....	4
	DFTG 2440+ Solid Modeling/Design.....	4

**SECOND YEAR – FALL SEMESTER**

	SPCH 1315 Public Speaking OR	
	SPCH 1318 Interpersonal Communication.....	3
Spring 2024	DFTG 2428+ Architectural Drafting - Commercial .....	4
	ARCE 1352+ Structural Drafting .....	3
	DFTG 1430+ Civil Drafting 1 .....	4

**SECOND YEAR – SPRING SEMESTER**

	XXXX X3XX <sup>1</sup> Social and Behavioral Science Elective .....	3
	XXXX X3XX <sup>1</sup> Language, Philosophy & Culture/Creative Arts Elective.....	3
	DFTG 2323+ Pipe Drafting .....	3
	DFTG 2432+ Advanced Computer - Aided Drafting .....	4
	DFTG 2386+ Internship - Drafting and Design Technology/Technician.....	3

**TOTAL CREDIT HOURS FOR GRADUATION - 60**

<sup>+</sup> Grade of “C” or better is required for graduation.

<sup>1</sup>Students may take any course within this category of the TSC General Education Core Curriculum.