Computer - Aided Drafting Technology
Certificate of Proficiency - Level One

Texas Southmost College
Science Technology, Engineering & Mathematics Division

Computer-Aided Drafting Technology (CAD) drafters produce detailed drawings with exact dimensions and specifications. They translate ideas into drawings and are an integral link between an idea and the finished product. CAD students will use plans, assembly drawings, and maps from notes and sketches. Upon completion of the program, the students 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. Employment is available in the Architectural Engineering Construction (AEC) and Manufacturing areas.

FIRST SEMESTER	**CREDIT HOURS**
DFTG 1405+ Technical Drafting	4
DFTG 1409+ Basic Computer - Aided Drafting	4
DFTG 2440+ Solid Modeling/Design	4

SECOND SEMESTER	
DFTG 2421+ Topographical Drafting	4
DFTG 2432+ Advanced Computer - Aided Drafting	4
DFTG 1417+ Architectural - Residential	4

THIRD SEMESTER	
DFTG+ X3XX Elective	3
DFTG+ X3XX Elective	3

TOTAL CREDIT HOURS FOR GRADUATION - 30

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

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must take all three sections of state-approved test to graduate with this degree.