

Computer - Aided Drafting Technology Certificate of Proficiency - Level One

Texas Southmost College
Division of Science Technology, Engineering &
Mathematics/Career & Technical Education

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 2421 ⁺ Topographical Drafting	4
DFTG 1409 ⁺ Basic Computer - Aided Drafting	4
DFTG 2417 ⁺ Descriptive Geometry	4

SECOND SEMESTER

DFTG 1417 ⁺ Architectural Drafting - Residential	4
DFTG 1405 ⁺ Technical Drafting	4
DFTG 2440 ⁺ Solid Modeling / Design	4

TOTAL CREDIT HOURS FOR GRADUATION - 24

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