

**Certificate of Proficiency – Level One**

TEXAS SOUTHMOST COLLEGE  
Science, Technology, Engineering and Mathematics

*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, complete drafting assignments with minimum supervision, and communicate effectively in order to work in drafting team assignments. Employment is available in the AEC (Architectural Engineering Construction) and Manufacturing areas.*

| <b>FIRST SEMESTER</b>  | <u><b>Credit Hours</b></u> |
|--|----------------------------|
| <a href="#">DFTG 1405</a> Technical Drafting (†).....          | 4                          |
| <a href="#">DFTG 1409</a> Basic CAD (†).....                   | 4                          |
| <a href="#">DFTG 2440</a> Solid Modeling/Design (†).....       | 4                          |
| <br><b>SECOND SEMESTER</b>                                     |                            |
| <a href="#">DFTG 1417</a> Architectural – Residential (†)..... | 4                          |
| <a href="#">DFTG 2421</a> Topographical Drafting (†).....      | 4                          |
| <a href="#">DFTG 2432</a> Advanced CAD (†).....                | 4                          |
| <br><b>THIRD SEMESTER</b>                                      |                            |
| DFTG X3XX Drafting Elective (†).....                           | 3                          |
| DFTG X3XX Drafting Elective (†).....                           | 3                          |

**TOTAL CREDIT HOURS FOR GRADUATION - 30**

Please review the requirements listed on this page. All students must comply with Texas Success Initiative (TSI) requirements.

† Minimum grade of "C" is required for graduation.