

## Drafting Design Technology - Basic Certificate +8622C

| First Semester  |   |                |
|-----------------|---|----------------|
| Course          |   | Semester Hours |
| DFTG 1325       | Blueprint Reading and Sketching                         | 3              |
| DFTG 1309       | Basic Computer-Aided Drafting                           | 3              |
| DFTG 1345       | Parametric Modeling and Design                          | 3              |
| MATH ....       | MATH 1332 or MATH 1342 or higher                        | 3              |
|                 |   | 12             |
| Second Semester |   |                |
| Course          |   | Semester Hours |
| DFTG 2319       | Intermediate Computer-Aided Drafting                    | 3              |
| DFTG 2340       | Solid Modeling/Design                                   | 3              |
| ELECTIVES       | Select two courses listed below                         | 6              |
|                 |   | 12             |
|                 |   | Total Hours 24 |
| ELECTIVES       |   |                |
| ARCE 1352       | Structural Drafting                                     | 3              |
| DFTG 1317       | Architectural Drafting - Residential                    | 3              |
| DFTG 1358       | Electrical/Electronics Drafting                         | 3              |
| DFTG 2302       | Machine Drafting  | 3              |
| DFTG 2321       | Topographical Drafting                                  | 3              |
| DFTG 2323       | Pipe Drafting   | 3              |
| DFTG 2335       | Advanced Technologies in Mechanical Design and Drafting | 3              |

+ Course of study identification number.

\*\* Capstone Experience.

Prerequisite: Must be eligible to enroll in READ 0306, ENGL 0306, and MATH 0306.

Note: A student who completes the required courses and two of the elective courses listed above with an overall average of C may receive a Certificate of Completion in Basic Drafting Design Technology.