

# Engineering Technology Fundamentals EF11

## Type

Technical Certificate of Credit

The intent of the Engineering Fundamentals technical certificate of credit is to expose students to Engineering Technology and Civil Engineering Technology. Provides training in core engineering techniques. These techniques include drafting and design, and complex mathematical calculations. Topics also include engineering project write-ups, presentation, evaluation, and safety.

## Required Courses

Item #	Title	Credits
ENGT 1000	Introduction to Engineering Technology	3
MATH 1111	College Algebra	3
MATH 1113	Precalculus	3

## 4 Credit Option

\* Select either DFTG course or PHYS 1111 and Lab

Item #	Title	Credits
DFTG 1101	CAD Fundamentals	4
DFTG 1105	3D Mechanical Modeling	4
DFTG 2010	Engineering Graphics	4
PHYS 1111	Introductory Physics I	3
PHYS 1111L	Introductory Physics I Lab	1
Minimum Credit Hours for Graduation		13