

# 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 — 9.00 Hours

Item #	Name	Credits
<a href="#">ENGT 1000</a>	Introduction to Engineering Technology	3
<a href="#">MATH 1111</a>	College Algebra	3
<a href="#">MATH 1113</a>	Precalculus	3

## 4 Credit Option — 4.00 Hours

\* Select either DFTG course or PHYS 1111 and Lab

Item #	Name	Credits
<a href="#">DFTG 1101</a>	CAD Fundamentals	4
<a href="#">DFTG 1105</a>	3D Mechanical Modeling	4
<a href="#">DFTG 2010</a>	Engineering Graphics	4
<a href="#">PHYS 1111</a>	Introductory Physics I	3
<a href="#">PHYS 1111L</a>	Introductory Physics I Lab	1
Minimum Credit Hours for Graduation		13