

# MANUFACTURING ENGINEERING TECHNOLOGY I, CERTIFICATE

Requirements for an undergraduate certificate may be completed at any campus location offering the specified courses for the certificate.

## Program Description

This series of engineering courses is designed for the working adult who would like to augment their knowledge in the workplace with practical engineering courses. This certificate is designed to teach critical skills and knowledge needed to function effectively in today's manufacturing workplace.

## What is Manufacturing Engineering Technology?

Manufacturing engineering is a field that covers the many processes involved in the production of a particular object.

### You Might Like This Program If...

- You enjoy working with processes and materials.
- You want to add this knowledge and skills to your engineering portfolio.

## Program Requirements

To earn an undergraduate certificate in Manufacturing Engineering Technology I, a minimum of 15 credits is required.

It is recommended that participants take the following classes in order.

Code	Title	Credits
<b>Prescribed Courses</b>		
EDSGN 100	Introduction to Engineering Design	3
EGT 114	Spatial Analysis and Computer-Aided Drafting	2
IET 101	Manufacturing Materials, Processes, and Laboratory	3
IET 215	Production Design	2
IET 216	Production Design Laboratory	2
Select one of the following:		3
MATH 4	Intermediate Algebra	
MATH 21	College Algebra I	
MATH 22	College Algebra II and Analytic Geometry	

No Prerequisites Required.

## Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the

habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<http://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy>)

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<https://york.psu.edu/academics/certificates/engineering-technology>