

MANUFACTURING - UNDERGRADUATE MINOR

The *Manufacturing Minor* provides students with an augmenting skillset to better facilitate entry-level employment in manufacturing related industries. Students completing the *Minor* also acquire specialized knowledge needed for successful pursuit of a career in the manufacturing sector.

Typical skills gained from *Manufacturing Minor* coursework include: management and coordination of manufacturing processes, design for manufacturing, fabrication and assembly, product design and development, product specification, operations planning, scheduling, material handling, quality control, testing, evaluation and product validation.

A grade of C- or better is required in each course (may not be taken S/U). All prerequisites must be met before enrolling in a course. Engineering Technology students can meet most of the requirements for this minor by judicious selection of their electives.

Prefix	Title	Credits
Required Courses: Select one manufacturing course with any accompanying/embedded lab from the following:		3-4
E T 217 & 217 L	Manufacturing Processes and Manufacturing Processes Lab	
I E 217	Manufacturing Processes	
Select one from the following:		3
MGMT 335V	Business and Government	
MGMT 344	Production and Operations Management	
E T 305	Introduction to Product Design	3
E T 317	Advanced Manufacturing and Design	3
E T 480	Innovation and Product Development	3
I E 456	Large Scale Systems Engineering	3
Total Credits		18-19