

MECHANICAL DESIGN AND MANUFACTURING, MINOR

Program Overview

A minor in mechanical design and manufacturing is offered to students in other departments with an interest in design and manufacturing.

Undergraduate Policies

For undergraduate policies and procedures, please review the Undergraduate Academics section of the General Bulletin.

Program Requirements

The minor consists of an approved set of five EMAE courses for a total of 15 credit hours.

Code	Title	Credit Hours
Required Courses:		
EMAE 160	Mechanical Manufacturing	3
EMAE 260	Design and Manufacturing I	3
EMAE 370	Design of Mechanical Elements	3
<i>Choose two of the following:</i>		6-7
EMAE 290	Computer-Aided Manufacturing	
EMAE 372	Structural Materials by Design	
EMAE 390	Advanced Manufacturing Technology	
EMAE 397	Independent Laboratory Research ^a	
Total Credit Hours		15

^a EMAE 397 can be used as an elective in this minor sequence if the student writes a one-page proposal clearly explaining how the project involves mechanical design and/or manufacturing at an advanced undergraduate level. The proposal must be approved by both the student's major advisor, and the EMAE advisor for the mechanical design and manufacturing minor.