

# MINOR IN MECHANICAL ENGINEERING

## REQUIREMENTS

The following requirements must be fulfilled: 18 credits in required courses for the minor and successful completion of all prerequisite courses.

Code	Title	Credits
<b>Required</b>		
Prerequisites		
The following courses must be completed before beginning the minor:		
APSC 2113	Engineering Analysis I	
MATH 1231	Single-Variable Calculus I	
MATH 1232	Single-Variable Calculus II	
MATH 2233	Multivariable Calculus	
PHYS 1021	University Physics I	
Minor courses		
APSC 2057	Analytical Mechanics I	
APSC 2058	Analytical Mechanics II	
CE 2220	Introduction to the Mechanics of Solids	
MAE 2131	Thermodynamics	
MAE 3126	Fluid Mechanics I (taken for 3 credits)	
MAE 3187	Heat Transfer	
or MAE 3191	Mechanical Design of Machine Elements	