

MINOR IN MECHANICAL ENGINEERING

REQUIREMENTS

Code	Title	Credits
------	-------	---------

Required

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
-------------	---------------------------------------