

Minor in Mechanical Engineering

Requirements for the Minor

For the minor, 16–18 semester hours are required, excluding prerequisite courses. Students not majoring in Mechanical Engineering who wish to minor in Mechanical Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
CS 111	Program Design I	3
CME 201	Statics	3
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
ME 205 or CHE 201	Introduction to Thermodynamics Introduction To Thermodynamics	3
PHYS 141	General Physics I (Mechanics)	4
Total Hours		27

Code	Title	Hours
Required Courses		
CME 203	Strength of Materials	3
ME 210	Engineering Dynamics	3
ME 211	Fluid Mechanics I	4
Select two of the following:		6-8
ME 308	Mechanical Vibrations	
ME 312	Dynamic Systems and Control	
ME 320	Mechanisms and Dynamics of Machinery	
ME 321	Heat Transfer	
ME 325	Intermediate Thermodynamics	
ME 341	Experimental Methods in Mechanical Engineering	
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	
ME 370	Mechanical Engineering Design	
ME 380	Manufacturing Process Principles	
Total Hours		16-18