Mechanical Engineering, Minor

This minor provides an opportunity for students to explore core aspects of mechanical engineering, including mechanical and thermofluid foundations, along with a technical focus into one of the mechanical engineering disciplines (mechanics, thermofluids, materials, and/or controls). This minor is not open to students majoring in Mechanical Engineering.

Minor Requirements

Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

Required Courses

Code	Title	Hours
ME 2350	Statics	4
ME 2380	Thermodynamics	4

Mechanical Engineering Technical Electives

Code	Title	Hours
Complete two of the following:		8
ME 2340	Introduction to Material Science	
ME 2355	Mechanics of Materials	
ME 3455	Dynamics	
ME 3475	Fluid Mechanics	
or ME 3480	International Applications of Fluid Mechanics	
ME 4508	Mechanical Engineering Computation and Design	
or ME 4565	Introduction to Computational Fluid Dynamics	
ME 4550	Mechanical Engineering Design	
ME 4555	System Analysis and Control	
ME 4570	Thermal Systems Analysis and Design	

GPA Requirement

2.000 GPA required in the minor