

AEROSPACE ENGINEERING MINOR

A student may obtain a minor in aerospace engineering by completing at least 18 credit hours consisting of three core courses and three approved elective courses.

Minor Requirements (18 Hours)

Course	Title	Credits
Core Aerospace Courses		
EMCH 577	Aerospace Structures I	3
EMCH 578	Introduction to Aerodynamics	3
EMCH 508	Finite Element Analysis in Mechanical Engineering	3
or EMCH 585	Introduction to Composite Materials	
Elective Aerospace Courses		
Select at least three of the following:		9
EMCH 508	Finite Element Analysis in Mechanical Engineering	
EMCH 516	Control Theory in Mechanical Engineering	
EMCH 522	Design for Manufacture and Assembly	
EMCH 532	Intermediate Dynamics	
EMCH 544	Compressible Fluid Flow	
EMCH 554	Intermediate Heat Transfer	
EMCH 560	Intermediate Fluid Mechanics	
EMCH 571	Mechanical Behavior of Materials	
EMCH 575	Adaptive Materials and Smart Structures	
EMCH 584	Advanced Mechanics of Materials	
EMCH 585	Introduction to Composite Materials	
EMCH 592	Introduction to Combustion	
Total Credit Hours		18