

Aerospace, Minor

This aerospace minor provides an opportunity for students to gain fundamental knowledge in science and technology of navigation in the air. These fundamentals are covered by a total of five courses, with courses on flight and propulsion, as well as in mechanics/structures, thermofluids, and guidance and navigation.

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
Core Courses		
ME 3465	Introduction to Flight	4
ME 3470	Aeronautical Propulsion	4
Guidance and Navigation Course		
ME 5554	Robotics Sensing and Navigation	4
Structures Course		
Complete one of the following:		4
ME 4520	Mechanical Vibration	
ME 5655	Dynamics and Mechanical Vibration	
Combustion and Aerodynamics Course		
Complete one of the following:		4
ME 4565	Introduction to Computational Fluid Dynamics	
ME 5690	Gas Turbine Combustion	
ME 5695	Aerodynamics	

GPA Requirement

Minimum 2.000 GPA required in the minor

Credit Requirement

20 semester hours required