AEROSPACE ENGINEERING CONCENTRATION

Study the design, manufacturing, and operating techniques of air-flight-capable machines. Courses cover a range of engineering disciplines such as fluid mechanics, chemical propulsion, structures, and stability and control as they apply to aircraft and rockets that fly within and above Earth’s atmosphere.
WHEN AND HOW TO DECLARE

To declare a concentration in aerospace engineering, you must have completed MECH 342: Mechanics and Thermodynamics of Flow Processes. Once you have completed this course, work with your advisor to declare the concentration.

THE COURSEWORK

Students who complete 12 credit hours from the lists of courses below will earn a concentration in aerospace engineering. The 12 credit hours fulfill the technical elective requirement for mechanical engineering students. Courses in bold are recommended if students have a specific interest in that thematic area. Courses can be selected from a single theme or multiple.

For 500-level courses, students must have a 3.0 GPA or instructor approval.