

# The Department of Engineering

## Aerospace Engineering Minor

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### About:

Offered through the Department of Mechanical Engineering, the Aerospace Engineering minor is open to all engineering students who satisfy the prerequisites for the list of required courses.

**This minor is open to Engineering students only.**

### Requirements:

The minor requires the successful completion of 10 courses (30 credits), seven of which are required, two of which are elective courses and one technical elective course from the major.

### Required Courses:

Course	Title	Credits
ME 2100	Statics	3
ME 2101	Dynamic Systems I	3
ME 2103	Mechanics of Materials	3
ME 3100	Thermodynamics	3
ME 3600	Fluid Mechanics	3
ME 5101	Elements of Aerodynamics	3
ME 5206	Aircraft Design	3

## Elective Courses:

Electives are subject to change. Electives may be added to this list at the discretion of the College of Engineering.

**Select two courses from the list below:**

<b>Course</b>	<b>Title</b>	<b>Credits</b>
ME 5000	Selected Topics in ME	3
ME 5102	Compressible Fluid Flow	3
	ME 5201 or ME 7040	3
ME 5205	Flight Dynamics	3
ME 5207	Orbital Mechanics	3
ME 7038	Intro-Computational Fluid Mech	3
ME 7070	Aero Vehicle Struc Analy & Des	3
ME 7501	Reinforced Comp Materials	3
ME 7502	Fiber Composite Structures	3

## One Technical Elective from the Major:

ME students pursuing the minor in Aerospace Engineering are required to take an additional ME/Concentration elective for their BSME degree for a total of five technical electives.

Non-ME students pursuing the minor in Aerospace Engineering can satisfy this requirement by a technical elective from their respective major.