

## **Aerospace Concentration**

The Aerospace Concentration in Mechanical Engineering at CUA aims to provide students with a foundation of science of aircraft and spacecraft. Coursework related to this concentration will focus on aerospace fundamentals, including flight dynamics, aerodynamics, power and propulsion systems as well as aircraft structures.

Three required courses (9-credits) and one Aerospace concentration elective course (3-credits) are available to students with a declared major or minor in Mechanical Engineering. The concentration is noted on students' official transcripts and will prepare students for careers in aircraft and spacecraft engine, structure and material design, and avionics in general.

It is recommended that students interested in pursuing a Concentration in Aerospace Engineering declare their concentration as early as possible in their degree program in order to facilitate course planning, but in no case later than the beginning of the first semester of a student's junior year.