MASTER OF ENGINEERING, PLAN C, AEROSPACE ENGINEERING SPECIALIZATION

The Master of Engineering, Plan C, Aerospace Engineering Specialization is an on-campus or online degree program focused on providing students with aerospace engineering-relevant content, in disciplines such as Fluid Flow, Propulsion, Structures, and Materials and Manufacturing. This program is intended for professional students who have an undergraduate degree in engineering and are working in the aerospace industry. This is a coursework-only degree program with no thesis requirement.

Students interested in graduate work should refer to the Graduate and Professional Bulletin (https://catalog.colostate.edu/general-catalog/graduate-bulletin/).

Learning Objectives

The Aerospace Engineering Program prepares graduates to achieve the following objectives:

1. Utilize and apply advanced mathematical, computational, design and / or experimental skills in the thematic area of Aerospace Engineering.
2. Identify, formulate, and solve advanced problems in aerospace engineering.
3. Effectively communicate technical ideas through reports, presentations, or other media at the high-level associated with graduate education.
4. Acquire knowledge in one or more sub-disciplines associated with aerospace engineering and technical areas of interest.
5. Display knowledge about contemporary research in aerospace engineering and related disciplines, ethical standards of conducting research, analyzing data and disseminating information as part of the engineering profession.
6. Analyze data, report findings, and draw conclusions that result in original contributions to knowledge in aerospace engineering and/or related fields.