

Graduate Certificate in Aviation and Aerospace Sustainability

The Aviation and Aerospace Sustainability professional graduate certificate considers how stakeholders, including society, governments, and the aviation industry, need to respond to the concerns of global climate change, aircraft noise disturbance, resource use, and waste production. This certificate is designed for those who are in the aviation and aerospace fields and want to gain an advantage for job advancement and demonstrate their expertise in sustainability. Courses are designed to prepare and train applicants with pertinent theory, real world application, and different tools and frameworks to develop and implement sustainable aviation and aerospace solutions.

Note: Certificate programs are not eligible for Title IV Federal Financial Aid unless taken as part of a degree program.

Program-Level Student Learning Outcomes

Students will:

- Evaluate the application of environmental tools and policy schemes in the aviation and aerospace industry.
- Create sustainable operations for the aviation and aerospace industry.
- Create sustainable best management practices for economic sustainability.
- Apply leading-edge sustainable aviation and aerospace technologies and solutions.

Worldwide Certificate Requirements

AASI 600	Sustainable Aviation and Aerospace Perspectives	3
AASI 625	Sustainability Policy in Aviation and Aerospace	3
AASI 629	Sustainable Air Vehicles; Design and Propulsion	3
Choose One of the Following:		3
AASI 607	Airport Sustainability Operations	
AASI 611	Sustainable Aviation Fuels and Carbon Offsetting	
AASI 637	Aircraft Decommissioning and Circular Economy	
AASI 639	Aviation Corporate Sustainability Management	
Total Credits		12

Estimated Cost of Attendance: California Student Information (<https://catalog.erau.edu/student-life/student-affairs/california-student/>)