

Graduate Certificate in Aviation Safety

Safety is the bedrock of a vibrant aviation industry. As aviation professionals, we work tirelessly to earn and keep the public's trust. The graduate certificate in aviation safety will help you understand the fundamental principles and practices that keep our industry safe.

Designed for students who want a solid foundation in safety but are not at the point of seeking a graduate degree, the certificate in aviation safety covers system safety in design and manufacturing, operational safety program management, accident investigation, and industrial safety. The certificate is appropriate for business managers, airport directors, pilots, project engineers, maintainers, industry planners, manufacturers, policy and law advisers, consultants, and others involved in managing day-to-day processes within the aviation industry.

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:

- Assess all the aspects of the aircraft accident investigation process.
- Apply and evaluate occupational safety and health regulations in the aviation work environment.
- Employ sound management and systems engineering skills to analyze the integration of safety skills and resources into all phases of a system's life-cycle.
- Use essential skills and methodology needed to plan and manage an effective aviation safety program under SMS guidelines.

Worldwide Certificate Requirements

AVSF 611	Aviation/Aerospace System Safety	3
MSAV 608	Aviation/Aerospace Accident Investigation and Analysis	3
MSAV 621	Aviation/Aerospace Safety Program Management	3
AVSF 612	Aviation/Aerospace Industrial Safety Management	3
Total Credits		12

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