

# AV 246 : AVIATION SAFETY

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## Transcript title

Aviation Safety

## Credits

3

## Grade mode

Standard letter grades

## Contact hours total

30

## Lecture hours

30

## Description

A detailed introduction into aspects of aviation safety, intended to promote flight safety in the general aviation and training environment. Topics include risk management, pilot psychology, human factors, accident trends, analysis of accident reports, and safety survival.

## Learning outcomes

1. Familiarize student with turbine aircraft and flight manual.
2. Maintain a continued growth in the helicopter industry with knowledge.
3. Learn the procedure of weather patterns in mountainous terrain.
4. Understand the importance of NVG training.
5. Learn the practical use of flying with an external load attached to the helicopter.

## Content outline

Aeronautical Decision Making  
Judgment  
Maneuvering Flight  
Runway Incursions  
Controlled Flight Into Terrain (CFIT)  
Flight Instruction Safety  
Spatial Disorientation  
Mid-Air Safety  
Safety Management Systems/ Accident Investigation  
Survival

## Required materials

Requires textbook and/or online learning materials.

## Grading methods

This course is assessed through a non-fiction book report, weekly exams, and a final exam.