

# AV 222F : AIRPLANE FLIGHT LAB

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## Transcript title

Airplane Flight Lab

## Credits

1

## Grade mode

Standard letter grades

## Contact hours total

32

## Lab hours

32

## Prerequisites with concurrency

AV 110 (or Private Pilot Certificate), AV 222A, AV 222B, AV 222C, and instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

## Description

AV 222F and AV 222G covers night flight, aviation physiology, advanced aerodynamics, aircraft performance, weight and balance, complex aircraft operations, advanced airplane systems, commercial operations and FAA Regulations for commercial pilots and noncommercial flight operations, with emphasis on human factors, crew resource management and decision-making. The completion of the associated flight labs will also insure compliance with Federal Aviation Administration flight hour and certification requirements.

## Learning outcomes

1. Develop proficiency in flight maneuvers, normal operating procedures, and emergency procedures.
2. Demonstrate sufficient proficiency to advance to the next successive flight lab and/ or Federal Aviation Administration Certification.
3. Practice aeronautical decision-making skills, risk management, situational awareness, and single pilot resource management using real-time flight scenarios.
4. Accrue flight hours necessary to meet Federal Aviation Administration requirements.

## Content outline

For a list of current additional costs (beyond standard tuition/fees and textbooks), including flight and licensure fees, see the entrance requirements tab in the program catalog page.

## Required materials

Requires textbook and/or online learning materials.

## Grading methods

This course is assessed through oral, written, and practical examination.