

AV 227D : INSTRUMENT PILOT I HELICOPTER FLIGHT LAB

Transcript title

Inst Pilot I Heli Flt Lab

4. [Federal Aviation Administration](#) Helicopter Instrument Pilot Practical Test Standards

Credits

1

Grading mode

Standard letter grades

Total contact hours

32

Lab hours

32

Prerequisites with concurrency

AV 115, AV 227A, AV 227B, AV 227C (or Private Pilot Certificate), and instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

Course Description

Introduces the fundamental skills of instrument flight, including basic attitude instrument flying, procedures, navigation systems, and instrument flight rules. Includes compliance with Federal Aviation Administration flight hour and certification requirements.

Course learning outcomes

1. Perform instrument pilot flight maneuvers as defined by the Federal Aviation Administration Helicopter Instrument Pilot Practical Test Standards.
2. Apply normal instrument operating procedures, operational limitations, emergency procedures, and regulations associated with the Federal Aviation Administration Helicopter Instrument Pilot Practical Test Standards.
3. Apply aeronautical decision-making skills (risk management, situational awareness, and single pilot resource management) to real-time flight scenarios.

Content outline

1. [Flight maneuvers](#)
2. [Systems operation](#)
3. [Communications](#)
4. [Performance and limitations](#)
5. [Regulations](#)

[Please see the entrance requirements in the program catalog page for associated course costs.](#)

Required materials

1. [Aviators headset](#)
2. [Navigation kit](#)
3. [Federal Aviation Regulations and Aeronautical Information Manual](#)