

AV 227A : PRIVATE PILOT I HELICOPTER FLIGHT LAB

Transcript title

Pvt Pilot I Heli Flt Lab

Credits

1

Grading mode

Standard letter grades

Total contact hours

32

Lab hours

32

Prerequisites

Instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

Course Description

Introduces fundamentals flight skills and the practical application of aviation weather, performance, navigation, Federal Aviation Administration (FAA) regulations, flight planning, radio procedures, and human factors. Includes compliance with FAA flight hour and certification requirements.

Course learning outcomes

1. Perform basic private pilot flight maneuvers as defined by the Federal Aviation Administration Private Pilot Helicopter Practical Test Standards.
2. Apply normal operating procedures, operational limitations, emergency procedures, and regulations associated with the Federal Aviation Administration Private Pilot Helicopter Practical Test Standards.
3. Demonstrate aeronautical decision-making skills (risk management, situational awareness, and single pilot resource management) using 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
4. Federal Aviation Administration Private Pilot Helicopter Practical Test Standards