AV 227F : COMMERCIAL PILOT I HELICOPTER FLIGHT LAB

Transcript title

Comm Pilot I Heli Flt Lab

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), AV 215, AV 227D, AV 227E, AV 227N (or Instrument Pilot Certificate), AV 225, and instructor approval based on proof of valid Second Class (or higher) Medical Certificate.

Course Description

Develops commercial flight skills, including night flight, aviation physiology, advanced aerodynamics, aircraft performance, weight and balance, and regulations for commercial pilots and commercial flight operations. Includes compliance with Federal Aviation Administration flight hour and certification requirements.

Course learning outcomes

1. Perform commercial pilot flight maneuvers as defined by the Federal Aviation Administration Helicopter Commercial Pilot Practical Test Standards.
2. Apply normal commercial operating procedures, operational limitations, emergency procedures, and regulations associated with the Federal Aviation Administration Commercial Pilot Practical Test Standards.
3. Apply aeronautical decision-making skills (risk 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
4. Federal Aviation Administration Helicopter Commercial Pilot Practical Test Standards