

AV 225 : COMMERCIAL PILOT-HELICOPTER

Transcript title

Commercial Pilot-Helicopter

Credits

4

Grading mode

Standard letter grades

Total contact hours

40

Lecture hours

40

Prerequisites

AV 115 (or Private Pilot Certificate).

Course Description

Reviews the principles of flight, aircraft systems, pertinent federal aviation regulations and airman publications and service in order to prepare the student for the FAA Commercial Helicopter Pilot airman knowledge exam.

Course learning outcomes

1. Develop commercial pilot level understanding of flight instruments, weather, performance, systems, Federal Aviation regulations (FARs), and cross country planning as they relate to commercial flight operations.
2. Prepare for the FAA Commercial Pilot written knowledge exam.

Content outline

Weather Concepts Aircraft Systems Airport Operations Procedures
Airport Facility Directory Weather Services Commercial Flight
Considerations Advanced Human Factors Concepts Flight Instruments
Aerodynamics Weight Balance Aircraft Performance Common Carriage
FAA Regulations Navigation

Required materials

Requires textbook and/or online learning materials.