

HELICOPTER FLIGHT TRAINING (HFT)

HFT 101 (4 credit hours)

Private Helicopter Pilot

Covers fundamentals of helicopter flight, flight operations, aviation weather, performance, navigation, aircraft systems, aeronautical publications, FAA regulations, flight planning, radio procedures, meteorology, and human factors. Prepares student for the helicopter FAA Private Pilot Airman Knowledge exam. Lecture: 4.0 credits (60 contact hours)

Attributes: Technical

Components: LEC: Lecture

HFT 102 (2 credit hours)

Private Pilot Helicopter Flight Lab

Introduces the student to the fundamentals of helicopter flight and the practical application of aviation weather, performance, navigation, FAA regulations, flight planning, radio procedures, and human factors. Prepares students to take the Federal Aviation Administration Helicopter Private Pilot Practical Test Standards examination. Laboratory: 2.0 credits (60 contact hours)

Pre-requisite: HFT 101 and Proof of valid Second Class (or higher) Medical Certificate.

Attributes: Technical

Components: LAB: Laboratory

HFT 103 (4 credit hours)

Helicopter Instrument Pilot

Prepares students for the helicopter FAA Instrument knowledge test and includes an in-depth study of aircraft flight instruments, basic attitude instrument flying, Instrument Flight Rules (IFR) navigation systems and procedures, aviation weather, applicable helicopter Federal Aviation Regulations (FAR), and the instrument charts required for IFR flight. Lecture: 4.0 credits (60 contact hours).

Pre-requisite: HFT 101.

Attributes: Technical

Components: LEC: Lecture

HFT 104 (2 credit hours)

Helicopter Instrument Pilot Flight Lab

Prepares students for the Helicopter FAA Instrument Flight Practical Test Standards exam and the Helicopter FAA Instrument Flight Rating. Includes in-depth demonstration of in-flight mastery of aircraft flight instruments. Features attitude instrument flying, IFR navigation and procedures, aviation weather procedures, applicable FARs, and mastery of the instruments required for IFR flight. Laboratory: 2.0 credits (60 contact hours).

Pre-requisite: HFT 101, HFT 102, and HFT 103.

Attributes: Technical

Components: LAB: Laboratory

HFT 105 (4 credit hours)

Helicopter Commercial Pilot

Reviews the principles of helicopter 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. Lecture: 4.0 credits (60 contact hours).

Pre-requisite: HFT 101 or Private Pilot Certificate.

Attributes: Technical

Components: LEC: Lecture

HFT 106 (2 credit hours)

Commercial Helicopter Flight Lab

Introduces student pilots to more advanced helicopter flight maneuvers and the practical application of in-flight aviation weather, aircraft performance, navigation, FAA regulations, flight planning, radio procedures, and human factors. Complies with Federal Aviation Administration flight hour and certification requirements to qualify students to apply for the FAA Commercial Helicopter Pilot Practical Test Standard (PTS) examination. Laboratory: 2.0 credits (60 contact hours).

Pre-requisite: HFT 101, HFT 102, HFT 103, HFT 104, and HFT 105.

Attributes: Technical

Components: LAB: Laboratory

HFT 107 (4 credit hours)

Certified Helicopter Flight Instructor

Reviews the principles of helicopter flight, aircraft systems, pertinent federal aviation regulations, and airman publications and service in order to prepare the student for the helicopter FAA Certified Flight Instructor Airman Knowledge Exam. Lecture: 4.0 credits (60 contact hours).

Pre-requisite: HFT 101 (or Private Pilot Certificate), HFT 102, HFT 103, HFT 104, HFT 105 and HFT 106.

Attributes: Technical

Components: LEC: Lecture

HFT 108 (2 credit hours)

Certified Helicopter Flight Instructor Lab

Reviews student in-flight mastery of the principles of helicopter flight, aircraft systems, pertinent federal aviation regulations, and airman publications and service in order to prepare the student for the FAA Helicopter Certified Flight Instructor Practical Test Standards (PTS) exam. Laboratory: 2.0 credits (60 contact hours).

Pre-requisite: HFT 101, HFT 102, HFT 103, HFT 104, HFT 105, HFT 106, and HFT 107.

Attributes: Technical

Components: LAB: Laboratory