

- APF L225 (2) R44 Helicopter Instrument Pilot Lab
- APF L231 (3) R44 Helicopter Certified Flight Instructor Instrument (CFII) Pilot Lab
- APF L236 (2) R44 Helicopter Night Vision Goggle Flight Lab
- APF L238 (2) R44 Helicopter External Load Flight Lab

R44 Advanced Professional Flight Emphasis (18 hours) Required

Courses:

- APF L219 (3) R44 Helicopter Commercial Pilot I Lab
- APF L221 (3) R44 Helicopter Commercial Pilot II Lab
- APF L223 (3) R44 Helicopter Certified Flight Instructor (CFI) Pilot Lab
- APF L225 (2) R44 Helicopter Instrument Pilot Lab
- APF L231 (3) R44 Helicopter Certified Flight Instructor

APF L220**R22 Helicopter Commercial Pilot II Lab (3)**

This course covers aviation fundamentals as required by Federal Aviation Regulations for students engaging in the Commercial Pilot Certificate. Topics covered include a more in-depth study and understanding of aerodynamics of the aircraft, helicopter components and instruments, principles of flying, flight planning, weather, navigation charts communication systems, FAA regulations, and taking the FAA Commercial Pilot Helicopter Knowledge Test. The flight course will further develop private pilot level skills and introduce fundamentals commercial flight skills and knowledge necessary to safely operate a helicopter in VFR environments, day and night cross country flights, solo flights and as Pilot in Command. Topics covered include flight planning, off-airport operations, basic commercial maneuvers, instrument flight and aeronautical decision making. This course will consist of 57.5 flight hours, 47.5 of which are Dual Flight Hours and 5 Solo/PIC Flight Hours with 5 Dual hours in the Flight Training Device and 17.5 flight instructor hours for ground, flight instruction and pre/post flight briefings.

Prerequisites: Private Pilot Certificate-Rotorcraft-Helicopter, permission of Chief Flight Officer

APF L221**R44 Helicopter Commercial Pilot II Lab (3)**

This course covers aviation fundamentals as required by Federal Aviation Regulations for students engaging in the Commercial Pilot Certificate. Topics covered include a more in-depth study and understanding of aerodynamics of the aircraft, helicopter components and instruments, principles of flying, flight planning, weather, navigation charts communication systems, FAA regulations, and taking the FAA Commercial Pilot Helicopter Knowledge Test. The flight course will further develop private pilot level skills and introduce fundamentals commercial flight skills and knowledge necessary to safely operate a helicopter in VFR environments, day and night cross country flights, solo flights and as Pilot in Command. Topics covered include flight planning, off-airport operations, basic commercial maneuvers, instrument flight and aeronautical decision making. This course will consist of 57.5 flight hours, 47.5 of which are Dual Flight Hours and 5 Solo/PIC Flight Hours with 5 Dual hours in the Flight Training Device and 17.5 flight instructor hours for ground, flight instruction and pre/post flight briefings.

Prerequisites: Private Pilot Certificate-Rotorcraft-Helicopter, permission of Chief Flight Officer

APF L222**R22 Helicopter Certified Flight Instructor (CFI) Pilot Lab (3)**

This course covers the study of flight instruction fundamentals as required by Federal Aviation Regulations for students pursuing a Certified Flight Instructor certificate. Ground topics covered include fundamentals of instruction, the learning process, the teaching process, student evaluation and testing, course development, lesson planning and classroom training techniques. The flight portion of this course will develop the aeronautical skill and experience necessary to meet the requirements for a Certified Flight Instructor certificate with a rotorcraft category and helicopter class rating. Students will learn how to manipulate the helicopter for the instructor's seat while reviewing all required flight maneuvers and emergency maneuvers in order to instruct a student. The student will be required to pass the FAA Flight Instructor Helicopter Knowledge Test, The FAA Fundamentals of Instructing Knowledge Test as well as a FAA Flight Instructor Rotorcraft Helicopter Practical Test with a FAA designated pilot examiner. This course will consist of 25 Dual Flight Hours and 40 flight instructor hours for ground, flight, and pre/post flight briefing.

Prerequisites: Commercial Pilots Certificate-Rotorcraft Helicopter, permission of Chief Flight Officer.

APF L223**R44 Helicopter Certified Flight Instructor (CFI) Pilot Lab (3)**

This course covers the study of flight instruction fundamentals as required by Federal Aviation Regulations for students pursuing a Certified Flight Instructor certificate. Ground topics covered include fundamentals of instruction, the learning process, the teaching process, student evaluation and testing, course development, lesson planning and classroom training techniques. The flight portion of this course will develop the aeronautical skill and experience necessary to meet the requirements for a Certified Flight Instructor certificate with a rotorcraft category and helicopter class rating. Students will learn how to manipulate the helicopter for the instructor's seat while reviewing all required flight maneuvers and emergency maneuvers in order to instruct a student. The student will be required to pass the FAA Flight Instructor Helicopter Knowledge Test, The FAA Fundamentals of Instructing Knowledge Test as well as a FAA Flight Instructor Rotorcraft Helicopter Practical Test with a FAA designated pilot examiner. This course will consist of 25 Dual Flight Hours and 40 flight instructor hours for ground, flight, and pre/post flight briefing.

Prerequisites: Commercial Pilots Certificate-Rotorcraft Helicopter, permission of Chief Flight Officer.

APF L225**R44 Helicopter Instrument Pilot Lab (2)**

This course covers the study of instrument flight fundamentals as required by Federal Aviation Regulations for students pursuing an Instrument rating. Ground topics covered include principles of basic altitude instrument

APF L231**R44 Helicopter Certified Flight Instructor Instrument (CFII) Pilot Lab (3)**

In this course the student will gain the knowledge, skill, and aeronautical experience necessary to meet the requirements for a Certified Flight Instructor Instrument Helicopter Rating. Ground topics covered include review of the Fundamentals of Instruction, principles of altitude instrument flying, ATC procedures, meteorology, and IFR navigational charts. The applicant will obtain the instructional knowledge required to teach these subjects including the recognition, analysis, and correction of common student errors. During the flight training, appropriate maneuvers and procedures will be practiced using visual and instrument references, use proper CRM techniques, exhibit positive exchange of control procedures, and display around ADM skills. The student will obtain the instructional knowledge required to teach these subjects including the recognition, analysis, and correction of common student errors. The student will complete the FAA Certified Flight Instructor Helicopter Knowledge as well as complete the FAA Instructor Instrument Rating Helicopter Practical Test nces, use

Section B:

Advanced Professional Flight Minor (18 hours)

**This minor is for use as a concentration in the ASGE degree and the BAS/RTM degree
and is only available in Hawaii.**

Helicopter Program Pricing – Hawaii

Program	Max Approved Hours	Max Approved Rate/Hour	Totals
APF L218 3 Credit Hours			
R22 Helicopter Commercial Pilot Lab 1			
Dual	52.5 Hours	\$377.00	\$19,792.50
Solo	5.0	\$377.00	\$1,885.00
Ground Training	17.5 Hours	\$57.59	\$1,007.83
Pre/Post Flight			
Total Flight Training Course Cost			*\$22,685.33

*In addition to the flight cost above the student will be billed the following charges for the course:

Tuition	\$338.00 per credit	3 credits	\$1,014.00
Program Fees	\$250.00 per credit	3 credits	\$750.00
Course, DPE, & Knowledge Exam Fee			\$0.00

The total cost for APF L218 course is \$24,449.33.

Program	Max Approved Hours	Max Approved Rate/Hour	Totals
APF L219 3 Credit Hours			
R44 Helicopter Commercial Pilot Lab 1			
Dual	52.5 Hours	\$628.27	\$32,984.18
Solo	5.0 Hours	\$628.27	\$3,141.35
Ground Training	17.5 Hours	\$57.59	\$1,007.82
Pre/Post Flight			
Total Flight Training Course Cost			*\$37,133.35

*In addition to the flight cost above the student will be billed the following charges for the course:

Tuition	\$338.00 per credit	3 credits	\$1,014.00
Program Fees	\$250.00 per credit	3 credits	\$750.00
Course, DPE, & Knowledge Exam Fee			\$0.00

The total cost for APF L219 course is \$38,897.35.

Program

Program APF L225 2 Credit Hours	Max Approved Hours	Max Approved Rate/Hour	Totals
R44 Helicopter Instrument Pilot Lab			
Dual	21 Hours	\$628.27	\$13,193.67
Solo			
Ground Training	30 Hours	\$57.59	\$1,727.70
Flight Training Device	14 Hours	\$136.00	\$1,904.00
Total Flight Training Course Cost			*\$16,825.37

Program APF L236 2 Credit Hours	Max Approved Hours	Max Approved Rate/Hour	Totals
R44 Helicopter Night Vision Goggle Flight Lab			
Dual	6 Hours	\$732.98	\$4,397.88
Solo			
Ground Training Pre/Post Flight	8 Hours	\$57.59	\$460.72

Section C

Entrance Requirements and Prerequisites, including license and type of medical certificate

Proof of Citizenship

The Transportation Security Administration (TSA) requires that valid proof of citizenship be on file for every student receiving flight training at our institution. To comply with the Department of Homeland Security, you must bring with you either a current passport (preferred) OR an original birth certificate and a current Driver's license. We cannot accept copies of these documents. We will verify and make a copy for our files in our administrative office. Training will not commence until this has been fulfilled so please anticipate the need for these documents and bring them with you at the beginning of the semester.

Pilot Physical/Student Pilot Certificate

Every student in flight

Minimum hours required for Helicopter dual and solo training

Course	Minimum Hours
APF L218 R22 Helicopter Commercial Pilot 1 Lab	57.5 flight and 17.5 ground
APF L219 R44 Helicopter Commercial Pilot 1 Lab	57.5 flight and 17.5 ground

Types of aircrafts that may be used for instruction in these courses

	Hourly	NVG/External Load
R22	\$377	
R44	\$628.27	\$732.98
Flight Training Device	\$136.00	
Instructor Time	\$57.59	\$57.59

Section D

Aviation Operations

considered junior college credit except where specifically recommended by ACE for upper-division credit. No credit will be awarded until six semester hours of academic credit has been earned at Troy University. At least 50