

Course Description

ATF2501L | Flight Instructor-Laboratory | 1.00 credit

Provides the student with internship teaching experience based upon the principles of flight instruction learned in ATT2131 and ATF 2501. Students will learn to develop lesson plans and how to communicate effectively using instructional materials
Prerequisite: ATF 2300; Corequisite: ATT2131, ATF2501.

Course Competencies:

Competency 1: The student will demonstrate proficiency as a Certified Flight Instructor (CFI) by manipulating the controls of an aircraft and providing meaningful instruction for the following subjects, procedures, and/or maneuvers while complying with the published FAA Airman Certification Standards:

- a. Fundamentals of instructing
- b. Technical subject area
- c. Preflight preparation
- d. Preflight lesson on a maneuver to be performed in flight
- e. Preflight procedures
- f. Airport and seaplane base operations
- g. Takeoffs, landings, and go-arounds
- h. Fundamentals of flight
- i. Performance maneuvers
- j. Ground reference maneuvers
- k. Slow flight, stalls, and spins
- l. Basic instrument maneuvers
- m. Emergency operations
- n. Postflight procedures

Competency 2: The student will demonstrate flight instructor knowledge and understanding required by Part 141 of the Federal Aviation Regulations (FAR) by:

1. Displaying knowledge of the fundamentals of instructing and technical subject areas
2. Applying and analyzing the flight instructor's responsibilities concerning the pilot certification process
3. Describing flight instructor's responsibilities concerning logbook entries and pilot certificate endorsements.
4. Completing procedures and flight maneuvers selected by the instructor to at least the commercial pilot skill level while giving effective instruction
5. Showing competence in teaching the procedures and maneuvers selected by the instructor
6. Describing, recognizing, analyzing, and correcting common student pilot errors
7. Developing and effectively using a training course outline, a syllabus, and a lesson plan

Competency 3: The student will demonstrate the ability to produce reasoned, critical responses to common concerns in flight training by:

1. Evaluating a maneuver performed by the instructor and providing a constructive and constructive critique to a positive learning experience by a prospective pilot
2. Demonstrating maneuvers to prospective pilots (under supervision), demonstrating professionalism and the ability to impact human behavior to develop an environment conducive to learning
3. Discussing the various teaching styles approaches available to use when dealing with students of different backgrounds, attitudes, and learning styles

Learning Outcomes

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information