

APT A128: FLIGHT INSTRUCTOR FLIGHT LAB

Item	Value
Top Code	302020 - Piloting
Units	1 Total Units
Hours	54 Total Hours (Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Pass/No Pass (B)

Course Description

The student will receive training in the maneuvers and procedures necessary to meet the standards contained in the FAA Certified Flight Instructor Practical Test Standards. Additionally, the student will receive training in fundamentals of instructions, safety awareness, crew resource management, and aeronautical decision-making. At the successful completion of this course, the student will have gained the aeronautical experience necessary to attain the Flight Instructor - Airplane Rating. All training is conducted in accordance with CFR 14, Federal Aviation Regulation Part 61 and under a syllabus of instruction approved under CFR 14, Federal Aviation Regulation Part 141. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Demonstrate through flight tests, that he/she has the necessary aeronautical skill and experience to obtain a Certified Flight Instructor with an airplane category rating and single engine land rating.

Course Objectives

- 1. Demonstrate preflight planning to include performance data computations, weight and balance computations and cross country flight planning.
- 2. Conduct a preflight inspection of the aircraft in accordance with the aircraft manufacturers handbook
- 3. Demonstrate knowledge of airport operations and traffic pattern procedures
- 4. Perform takeoffs, landing, flight at minimum controllable airspeeds and ground reference maneuvers to the standards defined in the FAA Practical Test Standards.
- 5. Demonstrate the ability to perform emergency procedures in accordance with the aircraft manufacturers handbook.
- 6. Perform basic instrument maneuvers
- 7. Conduct aircraft post flight procedures
- 8. Demonstrate teaching ability regarding the fundamentals of instruction and aviation subject areas from CFR Part 91.

Method(s) of Instruction

- Lab (04)