

APT A123: PRIVATE PILOT ADVANCED FLIGHT LAB

Item	Value
Curriculum Committee Approval Date	12/08/2021
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

Flight training in selected areas for the purpose of gaining proficiency in required pilot operations for various certificates and ratings. All training is conducted in accordance with Federal Aviation Regulation (FAR) Part 61 and Part 141. All flight training labs are conducted in accordance with an approved FAR Part 141 syllabus. In addition, flight lab courses allow the student to accrue the necessary flight hours for certification and licensing as a commercial, instrument pilot. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Performs within the tolerances for each flight maneuver required by in the Federal Aviation Administration (FAA) Practical Test Standards for Private Pilot Airplane.

Course Objectives

- 1. Demonstrate proficiency to FAA Practical testing standards for the Private Pilot Rating.

Lecture Content

Lab only course.

Lab Content

The student will receive flight training from a college authorized and approved instructor and practice solo flight in the following areas of aircraft operation: A. Preflight procedures; B. Airport operations; C. Takeoffs, landings, and go-arounds; D. Performance maneuvers; E. Ground reference maneuvers; F. Navigation; G. Slow flight and stalls; H. Basic instrument maneuvers; I. Emergency operations; J. Night operations, except as provided in Sec. 61.110 of this part; and K. Postflight procedures. L. Night operations

Method(s) of Instruction

- Lab (04)

Instructional Techniques

Equipment proficiency demonstrations

Reading Assignments

Study text material relating to completion of flight plans and flight logs, weight and balance exercises and aircraft performance problems.

Writing Assignments

Completion of flight plans and flight logs, weight and balance exercises and aircraft performance problems.

Out-of-class Assignments

Lab-only courses (outside assignments are not required).

Demonstration of Critical Thinking

In flight problem solving exercises based on FAA Practical Test Standards for the rating being sought.

Required Writing, Problem Solving, Skills Demonstration

Completion of flight plans and flight logs, weight and balance exercises and aircraft performance problems

Other Resources

1. E-6B Flight Computer Course Plotter Los Angeles VFR Sectional Chart