

APT A122: COMMERCIAL PILOT 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 Commercial Pilot Practical Test Standards. Additionally, the student will receive training in 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 Commercial Pilot Certificate. PREREQUISITE: Private Pilot Certificate (will be verified by Instructor on first class meeting). 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 Commercial Pilot Airplane.

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. Demonstrate night operations
- 8. Conduct aircraft post flight procedures

Method(s) of Instruction

- Lab (04)