

APT A127: ADVANCED INSTRUMENT 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 Instrument Rating 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 addition of an Instrument Rating for the Private Pilot Certificate. 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 Instrument Pilot Airplane.

Course Objectives

- 1. Demonstrate preflight planning to include performance data computations, weight and balance computations and cross country flight planning pertaining to instrument flight operations.
- 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 instrument holding procedures, approaches, and instrument flying to the standards defined in the FAA Instrument Pilot Practical Test Standards.
- 5. Demonstrate the ability to perform emergency procedures in accordance with the aircraft manufacturers handbook.
- 6. Conduct aircraft post flight procedures.

Method(s) of Instruction

- Lab (04)