

# APT A152: UNMANNED AIRCRAFT SYSTEMS ADVANCED 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	Standard Letter (S)

## Course Description

Hands-on flight activities, both simulation and actual, to develop, practice, and demonstrate advanced flying techniques of various Unmanned Aircraft Systems. This course will introduce various mission profiles and equipment planning. COREQUISITE: APT A131. 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 Unmanned Aircraft Systems.

## Course Objectives

- 1. Demonstrate mastery of advanced maneuvers and procedures for UAS operations.
- 2. Demonstrate mastery of controller calibration techniques and processes.
- 3. Demonstrate mastery of approach, landing, and shut-down operations and procedures with varying payloads.

---

## Method(s) of Instruction

- Lab (04)