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# COURSES

## NONCREDIT AVIATION COURSES

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### NAVI 201 - Orientation to Drones and Unoccupied Aerial Systems (UAS)

#### 0 units

This course introduces students to the fundamentals of drones and Unoccupied Aerial System (UAS) focused on mission planning, basic flight operations and the legal (local, state, and federal) and ethical frameworks in order to safely operate a UAS. It includes a hands-on lab component. 12 hours lecture, 15 hours laboratory.

- Noncredit
- Grading Option: Pass/No Pass

### NAVI 202 - Drone Aerial Survey, Photography and Videography

#### 0 units

This course is an introduction to using drones and Unoccupied Aerial Systems (UAS) to capture and process a wide array of remote sensing data and digital imagery. It will cover pre-flight planning, in-flight choreography, and post processing stages. An emphasis is developing post-processing skills for commercial applications with exposure to the craft of report writing, cartography, and desktop stills/video editing. This is a creative starting point to using drones in multiple disciplines and careers. It involves a hands-on laboratory component. 12 hours lecture, 15 hours laboratory.

**Recommended Course Preparation:** NAVI 201 with a minimum grade of C or GEOG 15 with a minimum grade of C or PHTO 56 with a minimum grade of C or PHTO 58 with a minimum grade of C.

- Noncredit
- Grading Option: Pass/No Pass

### NAVI 203 - FAA Remote Pilot Certificate Exam Preparation

#### 0 units

This course prepares students to pass the FAA Part 107 Remote Pilot Certificate exam. It will focus on the main sections of the exam including: the basic flight operations, the legal and ethical frameworks, safety considerations, airspace classification, operating requirements, flight restrictions and the effects of weather on a drone's performance. 27 hours lecture.

**Recommended Course Preparation:** NAVI 201 with a minimum grade of C or NAVI 202 with a minimum grade of C.

- Noncredit
- Grading Option: Pass/No Pass