

AERONAUTICS (AERO)

AERO 107
REMOTE PILOT GROUND SCHOOL
1 UNIT

Pass/No Pass or Grade is Allowed

Lecture 1 hour

Offered: ALL

Equips students with knowledge about the regulations and procedures governing the safe and legal operation of small remotely operated aircraft systems (sUAS), commonly referred to as "drones." Coincides with the knowledge areas in the Federal Aviation Administration's (FAA's) Part 107 knowledge test for a Remote Pilot Certificate with a sUAS rating, and is intended to prepare students for the FAA written examination required for students to become commercial sUAS pilots. [D; CSU] (Same as: GEOG 107;NC 327)

AERO 108
INTRODUCTION TO DRONE TECHNOLOGY AND APPLICATIONS
3 UNITS

Pass/No Pass or Grade is Allowed

Lecture 2 hours, laboratory 4 hours

Offered: ALL

Introduces remotely operated aircraft systems (drones), including applications, safety, maintenance, mission planning, flying, and data acquisition (multispectral images, photos, and videos). [D; CSU] (Same as: GEOG 108;ART 188;FTMA 108;NC 328)