

AVIT290 : UAS Capstone Project

Provides students with an opportunity to utilize a small-unmanned aircraft system for the collection, analysis, and post processing of data into information. Students may propose a project to be completed during the semester or choose from one of the college's ongoing projects. Projects may focus on geospatial data collection, orthorectified mapping, radiometric analysis, agricultural data analysis, structural inspections, volumetric measurement, or aerial videography/photography. Students will develop a project proposal, image acquisition plan, flight plan, and a presentation. Students are required to meet in the classroom and in the field with the instructor.

Credits 1

Lecture Hours 1

Lab/Clinical/Field Study Hours 1

Prerequisite Courses

AVIT140: Small Unmanned Aircraft Systems Operation-Multi-Rotor