COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

INTRO TO UAS OPERATIONS

UAS-110 Intro to UAS Operations 3 (3-0) AND
Prerequisites:
Corequisites:
This course provides an introduction to the history, various technologies, and capabilities of unmanned aircraft systems (UAS). Topics include UAS history, operational design and capabilities, popular applications, and the science of flight. Upon completion, students should be able to identify and explain common aspects of unmanned aircraft systems including their historical development, commonly utilized technologies, applications, and unit flight capabilities. (2015 FA)

SMALL UAS CERTIFICATION

UAS-115 Small UAS Certification 2 (2-0) AND
Prerequisites:
Corequisites:
This course prepares learners for small Unmanned Aircraft Systems (UAS) flight certification to promote compliance with the requirements of Title 14 of the Code of Federal Regulations (14 CFR). Topics include FAA Title 14 CFR Part 107 study guide and NCDOT UAS flight standards to provide guidance in the areas of remote pilot certification, aircraft registration and marking, aircraft airworthiness, basic piloting skills, and the operation of small UAS. Upon completion, students should be able to meet requirements for small UAS certification through the NCDOT and perform basic small UAS piloting in accordance with FAA Title 14 CFR Part 107 regulations. (2018 SU)