

AV 272 : UNMANNED AERIAL SYSTEMS (UAS) OPERATIONS

Transcript title

Unmanned Aerial Sys Ops

Credits

5

Grading mode

Standard letter grades

Total contact hours

100

Other hours

100

Recommended preparation

AV 271.

Course Description

Surveys current UAS platforms, sensors, and terminology. Explores integration and application of UAS resources in United States Airspace. Focuses on building and executing simulated operations in a noncombative environment.

Course learning outcomes

1. Demonstrate knowledge of multiple UAS platforms, sensors and terminology.
2. Demonstrate knowledge of Federal Aviation Administration (FAA) rules regulations governing UAS in United States Airspace.
3. Demonstrate basic proficiency in planning executing UAS commercial operations.

Content outline

ITAR ICOMC2 SIM UAS Operations Communications, Checklist Paperwork, Flight Safety, Privacy, Data Security Interface Operations Documentation Logbook Entry Flight Logs Mission and Flight Planning Pre-flight Operations Launch Procedures Flight Flight Recovery Accident Investigation Integrator Overview and Limitations Complier Training Photography and Videography Post Processing

Required materials

No required materials.