



sUAS Crash Investigation Remote Pilot

The best one-day beginning remote pilot course for at public safety professionals.

COURSE CONTENT:

- sUAS setup & configuration
- sUAS maintenance
- Camera setup & configuration
- Camera controls
- Preflight checks
- Flight planning & patterns
- Day & nighttime image capturing
- Terrestrial photography techniques for photogrammetry
- Field measurements
- Obstacle navigation techniques

PREREQUISITES: *sUAS FAA Knowledge Test Preparation or equivalent; OR, a current 14 CFR Part 107 Certification*

This hands-on course was developed for the specific needs of crash investigation professionals and other beginning drone pilots who are employed at public safety agencies.

Our experienced instructors teach participants how to reliably capture photographic and video evidence at a crash scene. Students use DJI Inspire/1 sUAS drones to learn the basic skills that public safety drone pilots need for successful flights.

In addition to flight planning and patterns, image capturing in day and nighttime lighting, and field measurements, our hands-on curriculum covers such real world issues as managing trees, powerlines, wind, snow, and other obstructive conditions and incorporates a demonstration of common capture errors. Students also participate in an overview of 3D-model construction and the expected results of a mock crash scene.

Register Now

Use the below QR code to select an upcoming course section and register — or visit nucp.northwestern.edu/crashelectives



REGISTER

8 Hours (1 Day) /

**ACTAR Members Earn:
8 ACTAR CEUs**