



Course Description

AWR-345 Unmanned Aircraft Systems in Disaster Management

Description:

This course is an introduction to Unmanned Aircraft Systems (UAS) use in disaster management, from mitigation and preparedness to response and recovery. It is intended to help participants gain a basic understanding of UAS; learn the general concepts to help an agency build a successful UAS program; learn the importance of engaging the local community; understand the need to ensure that privacy issues, civil rights, and civil liberties are thoroughly addressed; identify when UAS would enhance a disaster mission; and understand the basics of UAS types and sensors. The overall course goal is to provide a basic overview of UAS so that agencies can learn the first steps in determining if UAS are right for their work.

Participants will learn what is covered under UAS regulations, who may operate UAS, what FAA authorization allows, and what the major issues are for UAS integration. The course materials will familiarize participants with the main types and capabilities of rotary and fixed-wing UAS, as well as the types of payloads and missions that generally are best for each with examples of how certain payloads have been or could be used in relevant situations to aid in disaster management.

Course Objectives:

- Explain basic UAS types and component parts;
- Explain basic UAS support capabilities in disaster management;
- Determine the means to comply with UAS regulations; and
- Create a planning framework for successful UAS program.

Prerequisites:

You must be a US Citizen to take this course. If you are not please let us know by email for further instruction at OEM.TRAINING@DHSES.NY.GOV

All participants must have a FEMA Student Identification (FEMA SID) number. Students can search for their existing/create a new FEMA SID at: <https://cdp.dhs.gov/femasid/>.

Length: 4 Hours

Target Audience:

- Emergency Management
- Emergency Medical Services
- Fire Service
- Governmental Administrative
- Law Enforcement
- Public Safety Communications
- Citizen/Community Volunteer
- Information Technology
- Security and Safety
- Search & Rescue

Cost:

There is no fee for the course. Other cost considerations are detailed in each LMS course offering.

Signup Details:

Register through the New York State DHSES Learning Management System. Access the LMS through the link on the calendar webpage.