

DRONES: Introduction & Commercial Aspects of Unmanned Aircraft Systems (UAS)



Experts project that the
use of drones will create more than
100,000 jobs
and generate nearly
half a billion
dollars in tax revenue by 2025.

A Sample of Industry Applications:

Construction: Whether they're used for surveying, to show clients and potential clients an aerial overview of completed projects, to monitor jobsites to ensure safe practices or to inspect bridges and other structures, drones have the potential to become as important a tool to the industry as any piece of yellow iron.

Fire Fighting: NASA and the Forest Service tested using a Predator to find and map forest fires in California.

Law Enforcement: Some police departments are testing them for uses such as photographing accident sites and finding criminal suspects.

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Students will be introduced to and become familiar with the integral components and operation of a typical drone. To provide a broad understanding of the Unmanned Aerial Vehicles (UAV) Industry and the commercial operation and uses of drones, both classroom and hands-on learning with Drone Lab "flying time" will be utilized. Students will also be introduced to current and future perspectives of UAS/UAV's. Topics will include: the development of unmanned aircraft systems with respect to commercial uses; federal responsibility, the path to commercial operations with and without a pilot's license; the UAS Industry and various trade and industry organizations. No prior experience necessary. Pilots welcome! Required text and equipment is additional cost. DRONES: Their Many Civilian Uses and The US Laws Surrounding Them by Jonathan Rupprecht, Esq., Middletown, Delaware, Version 2.03 and UAV/Drone. If purchasing, a Drone/UAV-SYMA X5HW or any other version of the SYMA X5 series is suggested.

Instructor: James Record, FAA Commercial Drone Operator and Air Transport Rated Commercial Pilot

CED 1256 A1 Meets: Tuesday, 6:00pm-9:00pm for 6 sessions.
October 10-November 14, 2017

Fee: \$495



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