



# ADVANCED PUBLIC SAFETY DRONE OPERATIONS COURSE

## Online Course

Wednesday, November 4 – Thursday, November 5 | 1100 – 2000 (EST) Daily

### INSTRUCTORS/SPEAKERS:

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**COURSE OBJECTIVES:** This course was developed for all aspects of public safety and will provide the student with the latest information and tools to enhance their existing public safety drone unit. The course will include topics on tactical operations, unmanned and manned operations (risk mitigation), safety, operating to standards, fire service operations, law enforcement operations, SAR operations, digital media evidence, training issues and other topics beyond the basic operation of a drone unit. The course will be instructed by experts in public safety aviation drone operations. **Maximum enrollment: 90**

**INTENDED AUDIENCE:** This course is intended for public safety personnel, researching the feasibility in starting a drone unit. In addition, the course is intended for management and supervisory public safety personnel who may oversee such a unit.

## COURSE OUTLINE

DAY ONE	Wednesday, November 4, 2020	
1100 – 1130	Introductions & Course Review	Don Shinnamon
1130 – 1300	Safety Management Systems for Drone Operations	Bryan Smith
1300 – 1430	Fire Mission for Drones	Scott Mlakar
1430 – 1530	<b>BREAK</b>	
1530 – 1700	Manned and Unmanned Mitigation Tactics	Tony DeMolina
1700 – 1830	Tactical Use of Drones for Law Enforcement	Tony DeMolina
1830 – 2000	Standards for Drone Operations	Don Shinnamon

DAY TWO	Thursday, November 5, 2020	
1100 – 1230	Pilot Credentialing (NIST Standards)	Al Frazier
1230 – 1400	SAR Missions for Drones	Jaimie Stirling
1400 – 1500	Training for the Mission	Doug Daniels
1500 – 1600	<b>BREAK</b>	
1600 – 1730	Human Factors for Drone Operations	Dudley Crosson, PhD
1730 – 1930	Accident and Crime Scene Use of Drones (Aerial Mapping, Orthomosaics, etc.)	Andrew Klane
1930 – 2000	Course Wrap-Up and Critiques	Don Shinnamon