

# Professional Drone Pilot Training Academy



Drone training programs from the University of Delaware's Division of Professional and Continuing Studies provide comprehensive UAS training to drone novices and advanced users alike. Whether you are a beginner seeking FAA Part 107 pilot certification or an advanced pilot responsible for lifesaving tactical missions, we have a drone training course that fits your needs and skill level.

## FOUNDATION CLASSES

### Ground School and FAA Part 107 Test Prep

Flight instructors provide comprehensive classroom training and prepare drone pilots for the Federal Aviation Administration's airman knowledge test, which must be passed to earn the FAA Part 107 remote pilot certificate. Topics include regulations, airspace, weather, loading, and operations.

### Foundations of Flight

Learn the basics of flying small unmanned aircraft systems (UAS). Topics include familiarization with various aircraft and system components, basic flight planning, safe flight deck setup and operations, basic flight maneuvers, emergency procedures, autonomous flight options, multi-aircraft mission design, and effective record keeping. Students receive individual hands-on flight time with a variety of aircraft systems.

## ADVANCED CLASSES

### Matrice M210 Operator Proficiency

Operators will become proficient on the DJI M210 platform (the No. 1 multipurpose industrial-grade drone serving both first responders and companies); the X4S, X5S, Z30 and XT payloads; DJI flight control software, Pilot App; and safe flight maneuvers for failsafe situations.

### D3P™ Drone Program Manager Proficiency Training

Along with having technical proficiency, managing a fleet of drones requires an understanding of federal, state and local laws and regulations. This course covers the many aspects of program management that must be addressed prior to launching a program and discusses maintaining it once it becomes operational. Intended as a starting point for the creation of a successful drone program, students will receive hands-on knowledge of the DJI Flight System via Drone Program Point Person (D3P™) training.

### Night Operations and Thermal Imaging

Students learn the basics of night operations and thermal imaging utilizing small unmanned aircraft systems (UAS). Led by certified thermographers, this course provides an overview of regulations pertaining to flying UAS after dark, discussion regarding how to perceive the operating environment safely during nighttime operations, and lessons on the fundamentals of accurate thermal imaging and data interpretation. Various aircraft are used during individual hands-on flight training sessions.

Learn More and Register at:

[www.pcs.udel.edu/drones](http://www.pcs.udel.edu/drones)

*Professional Drone Pilot Training programs are conducted by FAA-licensed unmanned aircraft pilots from Adam Ringle Consulting (ARC), a Delaware-based industry leader in UAS training. Training program content is provided by ARC and Rocky Mountain Unmanned Systems (RMUS).*