Drone Pilot
One Year Certificate

Take a 3D tour of our labs.

The Certificate in Drone Pilot program is designed to train students to become a commercial drone pilot. Upon completion of the program, students will be prepared to both pass the FAA Aeronautical Knowledge Test for a Remote Pilot Certificate and gain the knowledge needed to excel in high traffic airways. Students will be educated as pilots and technicians to operate small unmanned aircraft systems, sUAS (.55 lbs to less than 55lbs). At a minimum, students will train on simulation software, and at the WarrenUAS "Droneport" on DJI's Phantom 4 Pro, Mavic 2, Matrice M300 and M30 as well as professional grade fixed-wing aircraft.

Components of the program include: the Mechanics of Unmanned Systems; Principles of Flight, Private Pilot Theory, Advanced Unmanned Aerial Systems Operations, Payloads and Sensors, Aviation Safety Management Systems, and Air Traffic Control Systems. Students are instructed in the theory, functions, and regulations regarding small unmanned systems.

Curriculum Requirements

Communications		Credits: 6
ENG 140	English Composition I	3
MAT 104	Technical Math	3

Career Courses		Credits: 24
UAS 102	UAS Standards, Regulations & the Law	3
UAS 103	UAS Flight Simulation	3
UAS 105	Remote Pilot Operations (Part 107)	3
UAS 106	Unmanned Aircraft Systems Safety & Security	3
UAS 108	UAS Maintenance & Repair	3
UAS 109	Crew Resource Management for UAS	3
UAS 204	Introduction to Geographic Information Systems	3
UAS 209	UAS Photogrammetry, Remote Sensing & Analysis	3

Credits Needed for Certificate	**30**

To get more information and discuss your goals or arrange a visit contact **Sarah Van Horn** at *svanhorn@warren.edu* or call **908-835-4025**. To catch up on what we've been doing go to **www.warren.edu/uas-news/**

Warren Community College

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