

Drone Repair & Maintenance

One Year Certificate



Take a
3D tour of
our labs.

The Certificate in Drone Repair and Maintenance is primarily designed and intended to prepare students to repair and maintain unmanned systems. The Drone Repair and Maintenance certificate will concentrate on the maintenance and repair of the components of unmanned systems in the air, ground, and maritime operational environments, ground control stations (GCSs), battery maintenance, understanding the function of data links or the communication/guidance system between vehicle and satellites (line of sight), and a basic understanding of computer networks and their functionality within UAS. Courses are designed to create a skilled UAS Maintenance Technician with a broad understanding of commonly used UAS platforms at the functional level.

Curriculum Requirements

Communications

Credits: 6

ENG 140	English Composition I	3
MAT 104	Technical Math	3

Career Courses

Credits: 24

UAS 101	Unmanned Systems	3
UAS 105	Remote Pilot Operations (Part 107)	3
UAS 106	Unmanned Aircraft Systems Safety & Security	3
UAS 108	UAS Maintenance & Repair	3
UAS 110	Introduction to DC & AC Circuits & Electronics	3
UAS 208	Advanced UAS Systems, Robotic Assembly & Operational Performance	3
UAS 209	UAS Photogrammetry, Remote Sensing & Analysis	3
UAS 211	Introduction to Robotics and Programming	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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