

WarrenUAS in the News

Featured Course
UAS 105, Spring and Fall
Earn your Remote Pilot Certificate

Career Pathways
AAS Degree & Certificate Programs

Tomorrow's Career Today

Unmanned Systems technology is one of the fastest-growing sectors in today's career market. It is the future of aviation - It is the future of all transportation. Unmanned vehicles are used today in an ever-increasing number of industries such as agriculture, surveying, construction, mining, environmental sciences, commercial package delivery, public utilities/energy, cinematography and photography, search & rescue, and public safety/law enforcement. And all these industries are currently understaffed in qualified professionals.

Above and Beyond

A Training Facility Like No Other

Warren Community College is at the forefront of this emerging industry with a state-of-the-art UAS laboratory and outdoor multi-function "Flight Training Center" that includes dedicated take-off and landing pads for multi-rotor aircraft, launch & recovery areas for fixed-wing aircraft, an accident reconstruction training site, professional ground control points for engineers and research, NIST/AUVSI TOP pilot training and assessment/certification apparatus and a custom-designed drone racing course.



A Culture of Professionalism

Our faculty comprises highly trained, certified pilot instructors and both aviation and unmanned systems industry professionals who are deeply committed to cultivating excellence and professionalism in this precision industry.

Our students at WARREN are immersed in a stringent safety culture commensurate with professional aviation. They learn how to use and manage safety management systems, formal risk mitigation procedures, flight operations standardization, and detailed record-keeping practices vital to any professional operation.

Skills to Serve a Hi-Tech Industry

WarrenUAS students learn the same hardware and software solutions used by today's professionals. Beyond the classroom, students have opportunities to get hands-on experience "in the real world." Students utilize their knowledge to conduct on-site flight operations, encompassing such procedures as pre-mission site assessment surveys, risk mitigation, mission planning, autonomous flight, data capture and analysis, and final product delivery.

Hardware

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Software

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Advanced Industry Certifications

Built into our curriculum is the knowledge necessary to test for professional certifications such as Pix4Dmapper and ESRI ArcGIS. We are also an official AUVSI Service Provider and a rare authorized AUVSI Training Provider (one of six entities globally who can certify your piloting skills for the industry as AUVSI Trusted Operator Pilots and/or as a TOP Remote Pilot Instructor). WARREN is authorized to certify your skills at every level.



Pix4Dmapper



Customized Learning That Matches Your Goals

Whether you're an established professional looking to incorporate drone technology into your existing business and want to get the ball rolling by acquiring your FAA Remote Pilot Certificate or a working Part 107 remote pilot interested in gaining a competitive edge by earning advanced certifications or a college student looking to earn a degree in Unmanned Systems, Warren

Community College has a program of study to suit your needs. We offer individual classes that can lead to industry certifications, one-year Certificate Degree programs, or a two-year Associate Degree in Applied Science for Unmanned Systems. Fall 2023, students will also have two new options with the AAS: UxS Commercial Space Operations and UxS Precision Agriculture.

Professional Studies – Unmanned Systems– Degree Students

- Unmanned Systems | [A.A.S. Unmanned Systems](#)
- Unmanned Systems | [A.A.S. Unmanned Systems – UxS Commercial Space Operations Option](#)
- Unmanned Systems | [A.A.S. Unmanned Systems – UxS Precision Agriculture Option](#)
- Drone Pilot | [Certificate](#)

Customized Training—Educators, Public Safety, Industry Professionals

Contact Dawn Smith for customized training quotes ([908-835-4029](tel:908-835-4029) or dsmith@warren.edu).

- Drone Pilot License Test Prep
- TOP Level 1
- TOP Level 2
- TOP Level 3
- Certificate of Waiver Application
- Geographic Information Systems
- Certificate of Authorization
- Infrared (IR) Thermography (law enforcement) (includes search and rescue techniques)
- Customized Aircraft Manuals