

Undergraduate Certificate in Uncrewed Systems Technology

The uncrewed systems technology certificate allows students to establish their expertise and skills in the uncrewed systems technologies. The courses will give them practical application of system controls, task-oriented applications of uncrewed systems, an understanding of business operations, and knowledge of all aspects, including ground, air, and maritime domains. Certificate holders will be able to assume technical roles in organizations that wish to expand their utilization of uncrewed systems and related capabilities. The Uncrewed Systems Undergraduate AS Certificate Program consists of 6 courses that result in students earning 18 undergraduate credit hours.

Uncrewed Systems Technology

Certificate

UNSY 205	Applied Physics for Uncrewed Systems	3
UNSY 313	Uncrewed Maritime Systems and Applications	3
UNSY 315	Uncrewed Aircraft Systems and Operations	3
UNSY 316	Operational and Business Aspects of Uncrewed Aircraft Systems	3
UNSY 318	Uncrewed Aircraft Systems Robotics	3
UNSY 331	Uncrewed Systems Legal and Regulatory Compliance	3
Total Credits		18

Estimated Cost of Attendance

Students will:

- Recognize the fundamentals of uncrewed systems and uncrewed systems operations.
- Identify different task requirements under varying operational circumstances in order to select appropriate solutions during mission planning and execution.
- Analyze a variety of managerial aspects to conduct different uncrewed systems applications.