General Unmanned Aircraft Systems Specialist Training

The UAS (Unmanned Aircraft Systems) Industry is rapidly expanding. Demand for trained operators with an understanding of FAA regulations will continue to increase. Locations on the Eastern Shore are well positioned for career development in this field. UAS training is used in military and civilian operations including but not limited to: search and rescue, systems monitoring, and safety screening.

This course introduces students to the history of unmanned aircraft systems and current and future developments in civil and military operations. Learning objectives include elements that form an unmanned aircraft system: unmanned vehicles, communication, navigation, launch and recovery, control stations, payloads, and support equipment. Other current issues in unmanned aircraft operations will be explored: aviation regulatory system and integration, safety and human factors, ethical and legal issues, and the future unmanned aircraft systems. In addition to classroom instruction, students will also receive in-class flight simulator experience to reinforce the learning objectives and prepare them for the hands on field experience.

The Unmanned Aircraft Systems Specialist continuing education certificate course prepares students for entry level employment in UAS manufacturing industries, law enforcement applications, and other industries.

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