

UNMANNED AERIAL SYSTEM (DRONE) TECHNOLOGIES CERTIFICATE OF SPECIALIZATION



The certificate will train students in the use of drones/UAVs/UASs in the field of surveying. The certificate begins with familiarizing students with drones and the basics of the surveying field. By the end of the certification, students will have demonstrated their ability to identify, plan, execute, and complete a surveying project using drones. Students who have completed the certification will be ready to begin working in industry immediately. Additionally, students will be able to either continue their education or use work experience to advance themselves towards their Land Surveyor-in-Training (LSIT) Certification and Professional Land Surveyor (PLS) Licensure from the Board for Professional Engineers, Land Surveyors, and Geologists (BPELSG).

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Create surveying deliverables using drones/UAVs/UASs for industry use.

Certificate of Specialization Requirements

Code	Title	Units
SURV-100	"Unmanned Aerial System (Drone) Technologies: Safety, Assembly, and Basic Flight"	3
SURV-101	Unmanned Aerial System (Drone) Technologies: Data Acquisition and Advanced Flight	3
SURV-102	Unmanned Aerial System (Drone) Technologies: Mapping and Surveying Deliverables	3
SURV-218	Plane Surveying	4
Total Units		13

Certificate of Specialization

Students who complete only the major requirements above qualify for a Certificate of Specialization. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.