



CERTIFICATE IN SMALL UNMANNED AIRCRAFT SYSTEMS (sUAS or DRONE) REPAIR AND MAINTENANCE

All courses may be applied to the Associate in Applied Science in Unmanned Aerial Systems (Drones)

The Certificate in Drone Repair and Maintenance is primarily designed and intended to prepare students to repair and maintain unmanned aerial systems. The small Unmanned Aircraft Systems (sUAS) certificate will concentrate on the maintenance and repair of the components of unmanned aircraft systems to include: unmanned aerial vehicles (UAVs), 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.

General Education			Credits
<input type="checkbox"/>	ENG 140	English Composition I	3
<input type="checkbox"/>	MAT 104	Technical Mathematics	3
<input type="checkbox"/>	UAS 201	Aerodynamics	3
Career Courses			
<input type="checkbox"/>	UAS 101	Unmanned Aircraft Systems	3
<input type="checkbox"/>	UAS105	Remote Pilot Operations	3
<input type="checkbox"/>	UAS 108	UAS Maintenance and Repair	3
<input type="checkbox"/>	UAS 110	Intro to DC 7 AC Circuits & Elect.	3
<input type="checkbox"/>	UAS 205	UAS Aerial Systems Oper./Maint.	3
<input type="checkbox"/>	UAS 208	Advanced UAS Sys., Oper. & Perf.	3
<input type="checkbox"/>	UAS 209	UAS Remote Sensing & Analysis	3
Total Credits			30