

Program		sUAS (Drones)								
Degree/Certificate:		18-hour, 30-hour, Associate of Applied Science								
Course	Course Title	Credits	Safety	Asset Selection	Industry Trends	Deployment	Maintenance	System Literacy	ILO_Em1: A student will be able to demonstrate knowledge of norms and expectations of professional environments.	ILO_Em2: A student will demonstrate skills in working with others in a professional and constructive manner.
Required Courses										
sUAS 18-hour Certificate										
UA 110	sUAS Ground School	3	sUAS_PLO11					sUAS_PLO16		
UA 140	sUAS Applications	3		sUAS_PLO12						
UA 150	sUAS Personnel, Safety and Crew Resources	3								
sUAS 30-hour Certificate										
UA 201	sUAS Command, Control, and Communications	3				sUAS_PLO24				
UA 210	sUAS Systems and Conceptual Design	3	sUAS_PLO21				sUAS_PLO25			
sUAS AAS										
UA 100	Introduction to sUAS	3		sUAS_PLO42	sUAS_PLO43			sUAS_PLO46		

sUAS 18-Hour Certificate

sUAS_PLO11. Safety: Students will explain a sectional chart and identify different airspace.

sUAS_PLO12. Asset Selection: Students will match different platforms and sensor payloads with their appropriate missions.

sUAS_PLO16. System Literacy: Students will identify and describe all of the individual components of the sUAS and explain how they integrate into its system.

sUAS 30-Hour Certificate

sUAS_PLO21. Safety: Students will use a sectional chart to comply with different airspace restrictions.

sUAS_PLO24. Deployment: Students will program and perform an autonomous sUAS mission.

sUAS_PLO25. Maintenance: Students will describe and implement a scheduled and as needed maintenance strategy for various sUAS platforms.

sUAS AAS

sUAS_PLO42. Asset Selection: Students will evaluate and select the appropriate platform and sensor payload for the required mission.

sUAS_PLO43. Industry Trends and Literacy: Students will describe and evaluate the impact of recent legislation dealing with sUAS.

sUAS_PLO46. System Literacy: Students will analyze and compare all of the individual components of the sUAS and assess system integration.

