

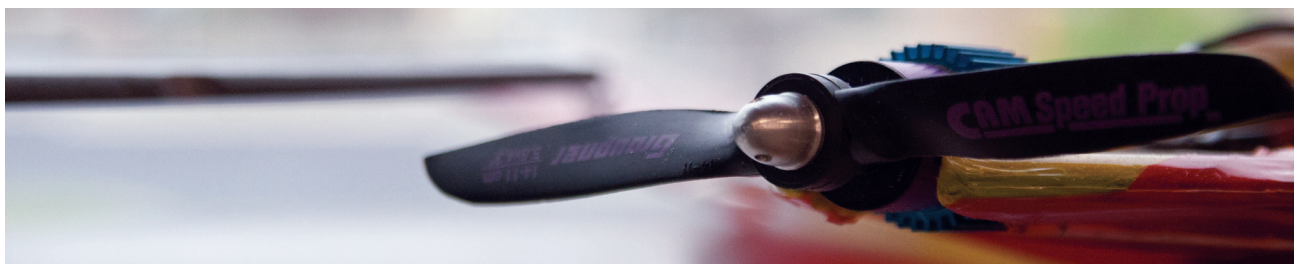
SINCLAIR COMMUNITY COLLEGE

SHORT TERM TECHNICAL CERTIFICATE QUARTER PROGRAM (UAS.STC)

UNMANNED AERIAL SYSTEMS

- Entry level positions as technicians in the Unmanned Aerial Systems (UAS) industry by providing foundational knowledge and skill in UAS mission planning, decision making, and data management.
- Introduction to the flight, history and theory of Unmanned Aerial Systems, as well as UAS avionics, UAS sensors, and UAS communications systems.
- Students will prepare for and conduct unmanned flights similar to those commonly performed in the industry.
- Total Program Hours: 37

Course	Name	Credit hours	Prerequisite
Winter Quarter			
AVT 101	Introduction to Unmanned Aerial Systems	3	None
AVT 110	Private Pilot Ground School	5	None
EET 120	Introduction to DC/AC	3	DEV 108
EET 164	PC Assembly	3	None
Total Hours		14	
Spring Quarter			
AVT 119	Aviation Meteorology	3	None
AVT 246	Air Traffic Control Communications	3	None
EET 220	Avionics	4	EET 120
EGR 144	Sensors	3	EET 120
Total Hours		13	
Summer Quarter			
AVT 143	Aircraft Maintenance	3	None
EET 158	Satellite Tool Kit	3	None
AVT 279 or AVT 270	Unmanned Aerial Systems Capstone OR Internship/Co-op	4	Chairperson Permission
Total Hours		10	
Total Program Hours		37	



For more information

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