

UNMANNED AERIAL TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE (UAT D576)

FCC	LTC	✓ OCC	WVC
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The Unmanned Aerial Technology program will prepare students for jobs in industries that use a variety of types of Unmanned Aerial Systems. Such industries include: Agricultural, Public Safety, Surveying, Inspection, and Logistics. Current industry technology, current regulations, and Part 107 certification are heavily emphasized.

First Semester	Credit Hours 14	Third Semester	Credit Hours 16
ENG 1111 Composition I ¹ OR		SPE 1101 Fundamentals of Effective	
ENG 1201 Communications ¹	3	Speaking ¹	3
MTH 1103 Liberal Arts Math ¹ OR		UAS 2200 UAT Design and Construction	4
MTH 1131 Introduction to Statistics ¹ OR		UAS 2205 UAT Photogrammetry	3
MTH 1201 Technical Mathematics ¹	3	UAS 2210 UAT Industry Applications	2
UAS 1200 Introduction to UAT	4	UAS 2215 UAT Entrepreneurship	3
UAS 1205 Principles of UAT Flight	3	Elective	1
Elective	1		
Second Semester	Credit Hours 15	Fourth Semester	Credit Hours 15
UAS 1210 UAT Mission Planning	3	GEN 2297 General Employment Skills ¹	V2
UAS 1215 Remote Pilot (Part 107) Prep	3	UAS 2220 UAT Industry Project	4
UAS 1220 UAT Electronics	3	UAS 2225 UAT Law, Policy, and Safety	3
UAS 1225 Aerial Photography/Videography	3	Social Science/Humanities	
Industry Elective	3	Gen Ed Elective ^{1*}	3
		General Education Elective ¹	<u>3</u>
		Total Credit Hours	60

¹General Education Hours (17)

*Course must satisfy the IECC human diversity requirement.

UNMANNED AERIAL PILOT CERTIFICATE (UAT C577)

The Unmanned Aerial Pilot certificate will prepare students and currently employed individuals looking to expand their skill set for jobs in industries that use a variety of types of unmanned aerial systems. Such industries include: Agricultural; Public Safety; Surveying; Inspection; and Logistics. Certificate program prepares individuals for the Part 107 Commercial Remote Pilot test as well as emphasizes skills required to fly unmanned systems.

First Semester	Credit Hours 6	Second Semester	Credit Hours 6
UAS 1205 Principles of UAT Flight	3	UAS 1210 UAT Mission Planning	3
UAS 1215 Remote Pilot (Part 107) Prep	3	UAS 1220 UAT Electronics OR	
		UAS 1225 Aerial Photography/Videography	<u>3</u>
		Total Credit Hours	12