

UNMANNED AIRCRAFT SYSTEMS, ASSOCIATE IN APPLIED SCIENCE



**APPLIED
TECHNOLOGY**

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			
AET208	Aviation Safety	3	
FYE101	Introduction to College, Career and Personal Success	1-3	
or FYE103	Exploration of College, Career and Personal Success		
PHY111	General Physics I	4	
UAS100	sUAS Batteries and Electronics	5	
UAS101	Introduction to Unmanned Aircraft Systems Operation	3	
UAS107	Unmanned Aircraft Systems Operator Certification	3	
UAS205	sUAS Instruments and Autopilot Programming and Uses	3	
UAS206	sUAS Instrument and Autopilot Flight Lab	2	
UAS207	sUAS Dynamics and Design	5	
UAS208	sUAS Dynamics and Design Lab	2	
UAS211	sUAS Ground Control Stations, Telemetry, and Communications	3	
UAS212	sUAS Maintenance Lab	2	
UAS215	sUAS Commercial Flight Training	3	
General Education			

Core			
<i>First-Year Composition</i>			
ENG101	First-Year Composition	3	
or ENG107	First-Year Composition for ESL		
ENG102	First-Year Composition	3	
or ENG108	First-Year Composition for ESL		
<i>Oral Communication</i>			
Select one of the following:		3	
COM100	Introduction to Human Communication		
COM110	Interpersonal Communication		
COM225	Public Speaking		
COM230	Small Group Communication		
<i>Critical Reading</i>			
Select one of the following:		0-3	
CRE101	College Critical Reading and Critical Thinking		
Or equivalent as indicated by assessment			
<i>Mathematics</i>			
Select one of the following:		3-5	
MAT187	Precalculus		
Any approved General Education course in the Mathematical Applications (MA) area ¹			
Distribution			
<i>Humanities, Arts and Design</i>			
Any approved general education course(s) from the Humanities, Arts and Design area		3	
<i>Social and Behavioral Sciences</i>			
Any approved general education course(s) in the Social and Behavioral Sciences area		3	
<i>Natural Sciences</i>			
Any approved general education course(s) in the Natural Sciences area		4	
Total Credits		61-68	

¹ for which MAT187 Precalculus is a prerequisite