



Summer 2017

Unmanned Aerial Systems Associate in Applied Science Degree 90 Credits

This degree will introduce students to the world of unmanned aerial systems (UAS) and will allow them to learn about the regulatory environment, licensing issues, operational requirements, and commercial uses of unmanned aerial vehicles (UAV). The degree will also instruct students in basic and advanced flying skills with emphasis in photography, surveying, and inspections. Additionally, the program will instruct in component integration and UAS building.

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Dept./No.	Course Title	Credits
AVIA 103	Aviation History and Careers	5
AVIA 107	Drones Operations	2
AVIA 109	Introduction to Unmanned Aerial Systems	5
AVIA 111	Private Pilot Ground School	5
AVIA 123	Aviation Weather	5
AVIA 129	Unmanned Aerial Vehicle Basics	5
AVIA 211	Aerodynamics for Pilots	5
AVIA 212	Aviation Safety and Human Factors	5
# AVIA 270	Air Traffic Control Fundamentals	5
# CMST& 210 or CMST& 220 or CMST& 230	Interpersonal Communications or Public Speaking or Small Group Communication	5
# ENGL& 101 or ENGL 126 or ENGL 127 or ENGL 128	English Composition I or Writing: Humanities or Writing: Social Sciences or Research Writing: Science/Engineering/Business	5
Humanities	Any Humanities course 100 level or higher	5
# MATH 106 or MATH& 107 or MATH 108 or MATH& 141 or higher	Essentials of Pre-Calculus Math or Math in Society or Contemporary Math for Information Technology or PreCalculus I or higher	5
Natural Science	Any Natural Science course 100 level or higher with a lab	5

Electives: Select 23 credits from the following list of courses below to total 90 credits:

Any AVIA or A SIM, BUS, Computer / IT courses.

D T 116	Introduction to 3D Printing	(2)
D T 117	Modeling for 3D Printing	(4)

Satisfies related instruction requirements.