

RENEWABLE ENERGY

sUAS (Drones)

Associate of Applied Science

62 Hours

General Education Required Courses 19 cr

<i>Communication Requirement</i>	6
CM101 English Composition I (3 cr) or	
CM120 Survey of Technical Writing (3 cr)	
CM115 Public Speaking (3 cr) or	
CM240 Interpersonal Communication (3 cr)	
<i>Humanities Requirement (1 area required)</i>	3
Art Humanities	
Music Literature	
Theatre Philosophy	
Foreign Language History	
<i>Mathematics Requirement</i>	3
MA104 Technical Math (3 cr) or	
MA110 Intermediate Algebra (3 cr) or	
Mathematics General Education Course	
<i>Natural Science Requirement</i>	4
SC107 Meteorology (4 cr) recommended	
<i>Social/Behavioral Science Requirement</i>	3
SS101 General Psychology recommended	

Required Courses 27 cr

UA100 Introduction to sUAS	3
UA110 sUAS Ground School	3
UA140 sUAS Applications	3
UA150 sUAS Personnel, Safety, & Crew Resource Mgmt	3
UA201 sUAS Command, Control, & Comm.	3
UA210 sUAS Systems & Conceptual Design	3
WE240 GIS/GPS	3
WE250 Data Acquisition and Communications	3
WE255 Airfoils and Composite Repair	3

Elective Courses 16 cr

AG255 Precision Ag Hardware	3
AG256 Precision Ag Software	3
AR129 Introduction to Digital Photography	3
CS140 Introduction to Robotics	3
CS141 Introduction to Additive Manufacturing (3D Printing)	3
CS145 Introduction to CAD	3
CS155 Networking & Computer Technology	3
EC101 Principles of Macroeconomics	3
MG102 Introduction to Entrepreneurship	3
SC109 Applied Physics	3
WE110 Electrical Theory	3
WE280 Wind Energy Technology Internship	4

