UNMANNED SYSTEMS-UXS PRECISION AGRICULTURE OPTION
Associate in Applied Science

Curriculum Requirements

Communications **Credits: 6**

ENG 140 English Composition I	3
COM 107 Technical Writing	3

Mathematics-Science-Technology **Credits: 12**

MAT 104 Technical Math	3
UAS 203 Meteorology	3
UAS 115 Soil Fertility and Plant Nutrient Management	3
UAS 214 Advanced Digital Acquisition Analysis	3

Humanities or Social Science **Credits: 3**

UAS 202 Introduction to Digital Photography	3

Career Courses **Credits 39**

UAS 101 Unmanned Systems	3
UAS 102 UAS Standards Regulations & the Law	3
UAS 103 UAS Flight Simulation	3
UAS 105 Remote Pilot Operations (Part 107)	3
UAS 106 Unmanned Aircraft Systems Safety & Security	3
UAS 108 UAS Maintenance and Repair	3
UAS 109 Crew Resource Management for UAS	3
UAS 114 UxS for Precision Agriculture	3
UAS 116 Precision Farming Technology	3
UAS 204 Introduction to Geographic Information Systems	3
UAS 209 UAS Photogrammetry, Remote Sensing & Analysis	3
UAS 210 Unmanned Systems Capstone Project	3
UAS 212 Advanced Remote Sensing & Infrared Thermography	3

Credits Needed for Degree **60**

Recommended F/T Course Sequence

First Semester **Credits 15**

MAT 104 Technical Math	3
UAS 101 Unmanned Systems	3
UAS 102 UAS Standards, Regulations & Law	3
UAS 103 UAS Flight Simulation	3
UAS 114 UxS for Precision Agriculture	3

Second Semester **Credits 15**

COM 107 Technical Writing	3
ENG 140 English Composition I	3
UAS 105 Remote Pilot Operations (Part 107)	3
UAS 106 Unmanned Aircraft Systems Safety & Security	3
UAS 209 UAS Photogrammetry, Remote Sensing & Analysis	3

Third Semester **Credits 15**

UAS 109 Crew Resource Management for UAS	3
UAS 202 Introduction to Digital Photography	3
UAS 115 Soil Fertility and Plant Nutrient Management	3
UAS 116 Precision Farming Technology	3
UAS 214 UxS for Precision Agriculture	3

Fourth Semester **Credits 15**

UAS 108 UAS Maintenance and Repair	3
UAS 203 Meteorology	3
UAS 204 Introduction to Geographic Information Systems	3
UAS 210 Unmanned Systems Capstone	3
UAS 212 Advanced Remote Sensing & Infrared Thermography	3

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Associate in Applied Science

The Associate in Applied Science Unmanned Systems - UxS Precision Agriculture degree option is primarily designed and intended to prepare students for a fast growing industry with many civilian applications, including agriculture, wetlands maintenance, brownfields remediation, monitoring environment and wildlife, search and rescue, border security, fire mapping, surveying structures after natural disasters, transportation & construction maintenance, real estate photograph, police surveillance, motion pictures, news media video and other industries.