

UNMANNED SYSTEMS - COUNTER UAS 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 219 UAS Detection & Mitigation Technology | 3 |
| ☐ UAS 211 Introduction to Robotics & Programming | 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 & Repair | 3 |
| ☐ UAS 109 Crew Resource Management for UAS | 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 |
| ☐ UAS 217 UAS in Illicit Activities, Terrorism, & Warfare | 3 |
| ☐ UAS 218 Counter Unmanned Aircraft System Laws & Regulations | 3 |

Credits Needed for Degree **60**

Recommended 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 105 Remote Pilot Operations (Part 107) | 3 |

Second Semester **Credits: 15**

- | | |
|--|---|
| ENG 140 English Composition I | 3 |
| UAS 106 Unmanned Aircraft Systems Safety & Security | 3 |
| UAS 217 UAS in Illicit Activities, Terrorist, & Warfare* | 3 |
| UAS 203 Meteorology | 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 211 Introduction to Robotics & Programming | 3 |
| UAS 218 Counter Unmanned Aircraft Systems Laws & Regulations | 3 |
| UAS 219 UAS Detection & Mitigation Tech | 3 |

Fourth Semester **Credits: 15**

- | | |
|---|---|
| COM 107 Technical Writing | 3 |
| UAS 108 UAS Maintenance & Repair | 3 |
| UAS 204 Introduction to Geographic Information Systems | 3 |
| UAS 210 Unmanned Systems Capstone | 3 |
| UAS 212 Advanced Remote Sensing & Infrared Thermography | 3 |

* A criminal background check is mandatory for UAS 217 within this program; this is processed through the college. C-UAS classes must be taken in sequence.

Revised June 26

UNMANNED SYSTEMS - COUNTER UAS OPTION

Associate in Applied Science

The Associate in Applied Science Unmanned Systems, Counter UAS Option is primarily designed to prepare students to enter the technical science field of Counter UAS. This program will teach students to understand the threat to national security in all its facets and give insights into criminal organizations as well as understanding terrorism and C-UAS in modern warfare. This degree option will delve into the federal law structure that governs C-UAS deployment. It also will give students an understanding of the legislative process and inter-agency functionality. Finally, students will get an overview of detection and mitigation technologies both in the classroom and in the field with hands-on practical training.