Unmanned Aircraft Systems (Architectural Modeling Emphasis)

Contact Information
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Delivery Methods
Face-to-Face: Wahpeton
Online: Some classes

Course Code | Course Title | Credits
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ARCT 101 | Architectural Modeling I | 3
ARCT 102 | Architectural Modeling II | 4
ARCT 110 | Graphic Communications | 2
ARCT 121 | Revit Architecture | 3
ARCT 122 | Structural Modeling | 2
ARCT 131 | Construction Methods and Materials I | 3
ARCT 201 | Architectural Modeling III | 4
ARCT 212 | Architectural Presentations | 2
ARCT 231 | Construction Methods and Materials II | 2
AST 103 | Autonomous Sensing Systems | 2
CMT 225 | Mechanical and Electrical Systems | 2
RAMT 101 | Applied DC Theory | 4
UAS 111 | Introduction to UAS | 2
UAS 112 | Unmanned Aircraft Systems Certification | 2
UAS 121 | Data Collection I | 2
UAS 122 | Photography and Videography | 2
UAS 132 | Advanced Flight II | 2
UAS 221 | Data Collection II | 2
UAS 222 | Data Collection III | 2
UAS 223 | UAS Capstone Project | 2
UAS 232 | Advanced Flight II | 2

Related/General Education Courses
ENGL 110 | College Composition I | 3
ENGL 105 | Technical Communications | 3
ENGL 120 | College Composition II | 2
ENGL 125 | Introduction to Professional Writing | 2
COMM 110 | Fundamentals of Public Speaking | 2
MATH 130 | Technical Mathematics | 2
MATH 132 | Technical Algebra I | 2
MATH 136 | Technical Trigonometry | 2
FYE 101 | Science of Success | 1
HPER 210 | First Aid and CPR (Professional/Community) | 2

Total Required Credit | 73

Admission Requirements*
The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements.

Please Note: Students are placed into English, math and reading courses based on ACT, ACCUPLACER or other nationally recognized tests. Please see www.NDSCS.edu/current-students/student-success/test-center for the NDSCS Course Placement Policy and testing information. Students may be on an extended plan of study pending their course placement.

*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.

Award
Upon successful completion of the required courses, students will be awarded an Associate in Applied Science degree in Unmanned Aircraft Systems with an emphasis in Architectural Modeling.