

**AVIATION – UAS OPERATIONS**

Associate of Applied Science (AAS) Degree

94-98 credits

**DEGREE AS AWARDED ON TRANSCRIPT**

Associate of Applied Science, Aviation – UAS

The Unmanned Aerial Systems degree is intended to prepare students for a fast growing industry with many civilian applications including agriculture, search and rescue, monitoring environment and wildlife, border security, fire mapping, surveying structures after natural disasters, real estate photography and police surveillance.

**PROGRAM COURSE REQUIREMENTS**

All courses must be completed with a "C" grade or better.

**OTHER COURSE REQUIREMENTS****Communication**

WR 121 Academic Composition 4

**Mathematics**MTH 085 Technical Mathematics 4  
or MTH 111 College Algebra  
(or higher)**Computer Skills**CIS 120 Computer Concepts 0-4  
or Computer Competency Test**Human Relations**

BA 206 Management Fundamentals I 4

**PROGRAM CORE REQUIREMENTS**AV 104 Introduction to Aircraft Systems<sup>1</sup> 4AV 108 Meteorology I<sup>1</sup> 4

AV 110 Private Pilot Airplane 5

or AV 115 Private Pilot Helicopter

AV 150 Aerodynamics<sup>1</sup> 4

AV 271 Introduction to UAS 4

AV 272 Unmanned Aerial Systems Operations 5

AV 273 Unmanned Aerial Systems Operations/ Maintenance 5

CIS 140 A+ Essentials I 4

CIS 145 A+ Essentials II 4

GEOG 211 Computer Cartography 4

GEOG 265 Geographic Information Systems 4

GEOG 266 ARC GIS 5

GEOG 267 Geodatabase Design 5

GEOG 273 Spatial Data Collection 5

GEOG 275 Capstone 5

GEOG 285 Data Conversion and Documentation 5

GEOG 286 Remote Sensing 5

GEOG 287 Analysis of Spatial Data 5

**FOOTNOTES**<sup>1</sup> May be taken any term.