

## Low Altitude UAS Commercial Applications and Operations

NAME \_\_\_\_\_

STUDENT ID \_\_\_\_\_

### Essential Studies Requirements:

#### I. Communication (9 credits)

Engl	110	Composition I	3_____
Engl	130	Composition II	3_____
Comm	110	Fund. Public Speaking	3_____

#### II. Social Science (9 credits; 2 depts.)

_____	3_____
_____	3_____
_____	3_____

#### III. Fine Arts and Humanities (9 credits; 2 depts.)

##### Fine Arts Course

\_\_\_\_\_ 3\_\_\_\_\_

##### Humanities Course

\_\_\_\_\_ 3\_\_\_\_\_

##### Fine Arts or Humanities Course

\_\_\_\_\_ 3\_\_\_\_\_

#### IV. Math, Science & Technology (9 credits)

AtSc	110	Meteorology I	3_____
AtSc	110L	Meteorology Lab	1_____
Math	103	College Algebra	3_____
CSci	130	Intro to Scientific Computing	3_____
	OR		4_____
CSci	160	Computer Science I	3_____
CSci	290	Cyber-Security Info Assur.	3_____

##### Other Requirements

AtSc 231 Aviation Meteorology 4\_\_\_\_\_

*Note: This leads to a private pilot certificate with instrument rating.*

Electives as needed to meet Graduation Requirements

### Aviation Requirements:

#### Flight Courses

Avit	102	Introduction to Aviation	5_____
Avit	221	Basic Attitude Inst. Flying	3_____
Avit	222	IFR Regulation & Procedures	3_____
Avit	238	UAS Operations Certification	3_____
Avit	337	Survey of UAS	2_____
Avit	419	UAS Commercial Operations	4_____

#### Non-Flight Courses

Avit	100	Aviation Orientation	1_____
Avit	103	Intro to Air Traffic Management	2_____
Avit	126	Intro to UAS Operations	2_____
Avit	208	Aviation Safety	3_____
Avit	239	Autonomous Fundamentals	2_____
Avit	240	UAS Enabling Concepts	3_____
Avit	250	Human Factors	2_____
Avit	323	Aerodynamics (No flight)	3_____
Avit	324	Aircraft Systems	3_____
Avit	331	UAS Flight Systems	3_____
Avit	332	UAS Ground Systems	3_____
Avit	333	UAS Remote Sensing	4_____
Avit	403	Aerospace Law	3_____
Avit	430	Crew Resource Mgmt.	3_____
Avit	450	Counter UAS Applications	3_____
Avit	485	Aviation Senior Capstone	3_____

#### Other Requirements (One of the Following)

Engl	227	Intro to Lit. and Culture	3_____
Engl	228	Diversity in Global Lit.	3_____
Engl	229	Diversity in U.S. Lit.	3_____
Engl	308	Art of Writing Non Fiction	3_____
Badm	225	Prof Comm for Business	3_____

X= currently enrolled in course