

## 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	
	OR		4 _____
CSci	160	Computer Science I	
CSci	290	Cyber-Security Info Assur.	3 _____

#### OTHER REQUIRMENTS (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 _____

### Aviation Requirements:

#### Flight Courses

Avit	142	Introduction to Aviation Helicopter	5 _____
Avit	143	Private Pilot Certification Lab	1 _____
Avit	238	UAS Operations Certification	3 _____
Avit	342	IFR Regulations and Procedures	3 _____
Avit	343	Instrument Rating Certificate Lab	1 _____
Avit	247*	R44 Helicopter Transition Lab	1 _____
		*Only if no R44 experience	
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 REQUIRMENTS

AtSc	231	Aviation Meteorology	4 _____
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Note: This leads to a private pilot certificate with instrument rating.

Electives as needed to meet graduation requirements

X= currently enrolled in course