

DEPARTMENT OF ENGINEERING AND AVIATION SCIENCE

AVIATION SCIENCE CURRICULUM

Student Name: _____

Student Number: _____

Recommended Course Sequence - Aviation Management Concentration (2014 -)

FRESHMAN YEAR													
First Semester						Second Semester							
Course	Course Title / Area		Credits	Sem	Min. Gr	Act Gr.	Course	Course Title / Area		Credits	Sem	Min. Gr	Act Gr.
AVSC 100	FYE - Aviation		VI	1		C	AVSC 152	Meteorology & Env. Issues		CR	3		C
AVSC 112	Aviation Fundamentals		CR	3		C	ENGL 102	Basic Composition II		V	3		C
AVSC 131	Air Transportation		CR	3		C	ENGL 001	English Proficiency Exam		V			S
AVSC 132	Intro to Aviation Bus.		CR	3		C	MATH 110	Trig and Analytic Geom.		IV	3		D
ENGL 101	Basic Composition I		V	3		C	SOCI 101	Intro. to Sociology		II	3		D
MATH 109	College Algebra		IV	3		C	One 3 Credit Course in Art/Music/ literature		I	3		D	
Total				16			Total				15		
SOPHOMORE YEAR													
First Semester						Second Semester							
Course	Course Title / Area		Credits	Sem	Min. Gr	Act Gr.	Course	Course Title / Area		Credits	Sem	Min. Gr	Act Gr.
AVSC 201	National Airspace System		CR	3		C	AVSC 202	Air Traffic Control		CR	3		C
AVSC 241	Aviation Safety		CR	3		C	AVSC 231	Airline Management I		CR	3		C
ECON 201	Principles of Econ. I		S	3		C	ECON 202	Principles of Econ II		S	3		C
ACCT 201	Intro. Financial Acctg.		CN	3		C	ACCT 202	Intro Corp & Mgr. Acct		CN	3		C
ENGL 203	Fund. of Contemporary Speech		I	3		C		Science *		III	3		D
								Science Lab *		III	1		D
Total				15			Total				16		
JUNIOR YEAR													
First Semester						Second Semester							
Course	Course Title		Credits	Sem	Min. Gr	Act Gr.	Course	Course Title / Area		Credits	Sem	Min. Gr	Act Gr.
AVSC 305	Aviation Career Prep		CR	1		C	AVSC 355	Airport Planning		CN	3		C
AVSC 331	Aviation Law		CR	3		C	AVSC 390	Aviation Apps of Stats and Research Design		S	3		C
AVSC 232	Airport Management		CN	3		C	PSYC 100	Intro to Psychology		II	3		D
AVSC 261	Aviation Organization and Leadership		CN	3		C		Science*		III	3		D
BUED 212	Computer Concepts/Aps I		S	3		C	One 3 Credit Course in Foreign Language or History **		I	3		D	
ENGL 305	Technical Writing**		V	3		D							
Total				16			Total				15		
SENIOR YEAR													
First Semester						Second Semester							
Course	Course Title		Credits	Sem	Min. Gr	Act Gr.	Course	Course Title		Credits	Sem	Min. Gr	Act Gr.
AVSC 421	Aviation Psychology		CR	3		C	AVSC 441	Human Factors in Aviation		CR	3		C
AVSC XXX	Aviation Elective		EL	3		C	AVSC 490	Senior Capstone in Aviation		FK	3		C
AVSC 442	Safety Management		CN	3		C	AVSC 432	Airline Management II		CN	3		C
EXSC 111	Personalized Health Fitness		VI	3		D	AVSC 431	Maintenance Management		CN	3		C
							AVSC XXX	Aviation Elective		EL	3		C
Total				12			Total				15		

I = Arts & Humanities

II = Social & Behavioral Sciences

III = Sciences

IV = Mathematics

V = English Composition

VI = Emerging Issues

S = Supporting

CR = Major Core

CN = Concentration

EL = Aviation Elective

* Students must take 6 credits of science and 1 credit of science lab (PHYS 121/123 and ENVS 101 recommended)

** Students must meet Junior status (60+ credits earned) to enroll in ENGL 305. ENGL 310 is also acceptable.

Students may have grades of D in GEN ED Areas but must maintain C average in the Area

Students need 12 alternative credits: Online, summer, winter, internships, independent studies.