

<i>Core Requirements</i>			
COURSE	COURSE TITLE	CR	PREREQUISITES
AVSC 1010	Survey of Aviation Science	2	
AVSC 2050	Introduction to Aviation Security	3	
AVSC 2150	Air Transportation Management	3	
AVSC 2160	Aviation Law	3	
AVSC 3010	Flight Environment	3	
AVSC 3200	Flight Physiology	3	Private Pilot Certificate
AVSC 3600	Crew Resource Management	3	
AVSC 410G	Global Ethics/ Professional Issues in Aviation	3	ENGL 1010, PHIL 2050
AVSC 490R	Safety and Professional Seminars	2	ENGL 1010, Matriculation into BS degree
AVSC 491R	Undergraduate Research Project	min 3	ENGL 2020, Senior, Commercial Pilot Cert.
		28	Core Aviation Credits

<i>Emphasis Requirements</i>			
AVSC 1020	Aircraft Identification	2	
AVSC 1100	Ground: Private Pilot	4	
AVSC 1110	Flight: Private Pilot Certification	3	
AVSC 1220	Ground: Commercial Pilot - Phase I	1	MATH1010, ENGL1010, AVSC1100 & 1110
AVSC 1230	Flight: Commercial Pilot - Phase I	3	AVSC 1100 & AVSC 1110
AVSC 1240	Ground: Instrument Pilot	4	AVSC 1100 & AVSC 1110
AVSC 1250	Flight: Instrument Pilot Rating	2	AVSC 1100 & AVSC 1110
AVSC 2300	Ground: Commercial Pilot - Phase II	3	AVSC 1220, & AVSC 1230
AVSC 2310	Flight: Commercial Pilot - Phase II	3	AVSC 1220 & AVSC 1230
AVSC 2440	Ground: Multi-Engine	1	Instructor Recommendation
AVSC 2450	Flight: Multi-Engine	1	Instructor Recommendation
AVSC 3030	Air Traffic Control	3	Private Pilot Certificate
AVSC 3300	Jet Transport Systems	3	AVSC 2440, Commercial Certificate
AVSC 3400	High Altitude Navigation/ International Flight Ops	3	AVSC 3300
AVSC 3530	Advanced Aerodynamics	3	AVSC 3300
		39	Emphasis Credits

<i>Electives</i>		<i>Complete 18 credits from the following, 11 credits must be 3000/ 4000 level (upper division).</i>	
AVSC 1120	Basic Aircraft Systems	3	AVSC 1100
AVSC 1150	Mountain and Desert Flying	1	
AVSC 1260	21st Century Avionics and Instrumentation	1	Instrument Rating
AVSC 2170	Airline Interview Prep	1	
AVSC 2330	Theory of Instruction	1	Permission of Instructor
AVSC 2400	Ground: Certified Flight Instructor	3	AVSC 2300, AVSC 2310 & AVSC 2330
AVSC 2410	Flight: Certified Flight Instructor	1	AVSC 2300, AVSC 2310 & AVSC 2330
AVSC 2420	Ground: CFI Instrument	1	AVSC 2400 & AVSC 2410
AVSC 2430	Flight: CFI Instrument	1	AVSC 2400 & AVSC 2410
AVSC 2500	Ground: Multi-Engine Instructor	1	AVSC 2410 & AVSC 2450
AVSC 2510	Flight: Multi-Engine Instructor	1	AVSC 2410 & AVSC 2450
AVSC 281R	Co-op Work Experience	3	Aviation Job/ Instructor Approval, co-req 285R
AVSC 285R	Co-op Correlate Class	1	Aviation Job/ Instructor Approval, co-req 281R
AVSC 2860	SkillsUSA	1	
AVSC 3020	Aviation Insurance/Risk Management	3	AVSC 2150 & 2160
AVSC 3040	Air Traffic Control II	3	AVSC 3030
AVSC 3100	Corporate Aviation Management	3	AVSC 2150
AVSC 3120	Airport Management	3	
AVSC 3140	Fixed Base Operations Management	3	
AVSC 4200	Ground: Turbine Transition	3	AVSC 3300 & AVSC 3530
AVSC 4210	Flight: Turbine Transition	1	
AVSC 4300	Ground: Airline Transport Pilot/ Aircraft Dispatcher	3	Commercial Pilot Certificate
AVSC 4310	Flight: Airline Transport Pilot	1	
AVSC 475R	Current Topics in Aviation	1	
AVSC 481R	Co-op Work Experience	3	Aviation Job/ Instructor Approval, co-req 485R
AVSC 485R	Co-op Correlate Class	1	Aviation Job/ Instructor Approval, co-req 481R
		18	Aviation Elective Credits

GENERAL EDUCATION

COURSE	COURSE TITLE	CR	PREREQUISITES
ENGL 1010 (CC)	Introduction to Writing	3	SEE Catalog
ENGL 2020 (CC)	Intermediate Writing: Science/Technology	3	ENGL 1010
MATH 1030 or MATH 1040 or MATH 1050	Quantitative Reasoning or Intro to Statistics or College Algebra	3 4	MATH 1010
HIST 2700 & 2710 or POLS 1000 or 1100 or HIST 1700 or HIST 1740	US History to 1877 & US History From 1877 or American Heritage or American National Gov American Civilization or US Economic History	3	
PHIL 2050 (IH)	Ethics and Values	3	ENGL 1010
HLTH 1100 or PES 1097	Personal Health & Wellness or Fitness For Life	2	
Humanities (HH)	COMM 1020 Recommended	3	
Fine Arts (FF)	Choose from list.	3	
Social Science (SS)	Choose from list.	3	
Biology (BB)	Choose from list.	3	
Physical Science (PP)	Choose from list.	3	
Additional Physical Science or Biology	Choose from list.	3	
Aviation Core		28 Credits	
Emphasis		39 Credits	
Electives		18 Credits	
General Education		<u>35 Credits</u>	
Total		120 Credits	