

CURRICULUM GUIDE
Aviation, B.S. (Aerospace Management Concentration)
2021-2022

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The schedule below is an **EXAMPLE** of how you can arrange your class schedule.
 Please consult your advisor for specific changes that may need to be made.

	Fall Semester		Spring Semester		Course Number	Course Name
Freshman Year	BTO 100	1	CMS 100, 210 <i>or</i> EES 250			
	AVN 150	3	(fulfills Gen. Ed. 1C)	3		
	TEC 161	3	⁶ MAT 112A <i>and</i> 112B (or higher) (fulfills Gen. Ed. 2)			
	Gen. Ed. 1A (ENG 101)	3	Gen. Ed. 1B (ENG 102)	3		
	Gen. Ed. 3B (Humanities)	3	Gen. Ed. 3A (Arts)	3		
	Gen. Ed. 5A (History)	3	Gen. Ed. 4 (Nat. Sci.)	3		
	TOTAL	16	TOTAL	15		
Sophomore Year	ACC 200	3	AVN 250	3		
	AVN 315	3	AVN 329W	3		
	STA 215	3	ECO 231	3		
	ECO 230 (fulfills Gen. Ed. 5B)	3	⁶ PHY 101 (or higher) (fulfills Gen. Ed. 4)	3		
	Free Elective	3	Free Elective	3		
	TOTAL	15	TOTAL	15		
	Junior Year	AVN 325	3	AVN 341	3	
AVN 340		3	AVN 360	3		
BUS 204		3	AVN 335 <i>or</i> GEO 315	3		
MKT 301		3	BTS 300	0		
Free Elective		3	MGT 301 (or MGT 300 of BUS 300 if business major/minor)	3		
			Gen. Ed. 6 (Diversity)	3		
TOTAL		15	TOTAL	15		
Senior Year	AVN 390	3	AVN 370	3		
	AVN 402	3	AVN 401 (ACCT)	3		
	AVN 410	3	AVN 467	0		
	AVN 460	3	BTS 400 (spring only)	0		
	Free Elective	3	Gen. Ed. 6 (Diversity)	3		
			Free Elective	3		
			Free Elective	2		
TOTAL	15	TOTAL	14			
TOTAL HOURS TO DEGREE COMPLETION				120		

Course Number	Course Name
GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (37)	
BTO 100	Business and Technology Orientation (1)
COLLEGE OF BUSINESS REQUIREMENT	
BTS 300	Professional Skills Seminar (0) (spring only)
BTS 400	College to Careers Seminar (0) (spring only)
CORE COURSE REQUIREMENTS (36)	
AVN 150	Introduction to Aviation (3)
AVN 250	Air Transportation (3)
AVN 315	Aviation Safety Programs (3)
AVN 325	Aircraft Systems (3)
AVN 329W	Aviation Human Factors (3) (writing intensive)
AVN 340	Airport Management I: Operations and Security (3)
AVN 370	Aviation Supervision and Leadership (3)
AVN 390	Aviation Decision Making (3)
AVN 401	Airline Management (3)
AVN 402	Corporate and Business Aviation (3)
AVN 410	Air Traffic Control (3)
AVN 460	Aviation Law (3)
AEROSPACE MANAGEMENT CONCENTRATION REQUIREMENTS (18)	
ACC 200	Survey of Accounting (3)
BUS 204	Legal and Ethical Environments of Business (3)
AVN 341	Airport Management 1: Operations and Security (3)
AVN 360	General Aviation Management (3)
ECO 231	Principles of Macroeconomics (3)
MKT 301	Principles of Marketing (NB) (3)
SUPPORTING COURSE REQUIREMENTS (12)	
AVN 335 <i>or</i> GEO 315	Weather Reporting/Analysis (3) Meteorology (3)
⁶ ECO 230	Principles of Microeconomics (3)
⁶ MAT 112A <i>and</i> ⁶ MAT 112B (or higher)	Algebra: Polynomials (1.5) Algebra: Functions and Matrices (1.5)
(MGT 300 <i>or</i> BUS 303) <i>OR</i> (Bus. majors only)	Principles of Management (3) Essentials of Organizational Behavior and Human Resource Management (3)
MGT 301	Principles of Management (NB) (3)
⁶ PHY 101 (or higher)	Conceptual Physics (3)
⁶ CMS 100 <i>or</i> ⁶ CMS 210 <i>or</i> ⁶ EES 250	Introduction to Human Communication (3) Public Speaking (3) Basic Social Intelligence Skills (3)
STA 215	Introduction to Statistical Reasoning (3)
TEC 161	Computer Applications in Technology (3)
EXIT REQUIREMENT (0)	
AVN 467	Comprehensive Exam for BS in Aviation (0)
FREE ELECTIVES (17)	

⁶ Denotes that 3 credit hours from this course are/can be applied to fulfill a Gen. Ed. requirement.

* **PREREQUISITES:** Consult with your advisor and/or the University catalog regarding prerequisites for upper division courses in your major.

Upper division courses: All students are required to have a minimum of 42 hrs. upper division (300 level or above) courses distributed throughout Major/Supporting/Gen Ed/Free Electives categories.

Refer to the University Catalog at <http://www.catalogs.eku.edu/> regarding University and General Education Requirements. All baccalaureate degree seeking students who enter the University are required to successfully complete one writing intensive course following completion of the ENG 102, ENG 105, or HON 102/103. Writing intensive courses are designated with the suffix "W" following the course prefix and number (e.g. HUM 300W).

Applied Critical & Creative Thinking (ACCT) Requirement: Aviation majors will fulfill ACCT with AVN 401. (Credit hours are incorporated into program requirements.)