

CURRICULUM GUIDE
Aviation, B.S. (Aerospace Technology 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	† Concentration Elective	3	GENERAL EDUCATION & UNIVERSITY REQUIREMENTS (37)	
	TEC 161	3	† Concentration Elective	3	BTO 100	Business and Technology Orientation (1)
	† Concentration Elective	3	† Concentration Elective	3	COLLEGE OF BUSINESS REQUIREMENT	
	† Concentration Elective	3	CMS 100, 210 <i>or</i> EES 250	3	BTS 300	Professional Skills Seminar (0) (<i>spring only</i>)
	† Concentration Elective	1	(fulfills Gen. Ed. 1C)	3	BTS 400	College to Careers Seminar (0) (<i>spring only</i>)
	Gen. Ed. 1A (ENG 101)	3	° MAT 112A <i>and</i> 112B (<i>or higher</i>) (fulfills Gen. Ed. 2)	3	CORE COURSE REQUIREMENTS (36)	
			Gen. Ed 1B (ENG 102)	3	AVN 150	Introduction to Aviation (3)
TOTAL	14	TOTAL	18	AVN 250	Air Transportation (3)	
Sophomore Year	ECO 230 (fulfills Gen. Ed. 5B)	3	† Concentration Elective	3	AVN 315	Aviation Safety Programs (3)
	STA 215	3	† Concentration Elective	3	AVN 325	Aircraft Systems (3)
	° PHY 101 (<i>or higher</i>) (fulfills Gen. Ed. 4)	3	Gen. Ed. 3B (Humanities)	3	AVN 329W	Aviation Human Factors (3) (<i>writing intensive</i>)
	† Concentration Elective	3	Gen. Ed. 4 (Nat. Sci.)	3	AVN 340	Airport Management I: Operations and Security (3)
	Gen. Ed. 3A (Arts)	3	Gen. Ed. 5A (History)	3	AVN 370	Aviation Supervision and Leadership (3)
	Gen. Ed. 6 (Diversity)	3	Gen. Ed. 6 (Diversity)	3	AVN 390	Aviation Decision Making (3)
					AVN 401	Airline Management (3)
TOTAL	18	TOTAL	18	AVN 402	Corporate and Business Aviation (3)	
Junior Year	AVN 150	3	AVN 250	3	AVN 410	Air Traffic Control (3)
	AVN 315	3	AVN 360	3	AVN 460	Aviation Law (3)
	AVN 325	3	AVN 335 <i>or</i> GEO 315	3	AEROSPACE TECHNOLOGY CONCENTRATION REQUIREMENTS (31)	
	AVN 329W	3	MGT 301 (<i>or</i> MGT 300 <i>or</i> BUS 303 <i>if business major/minor</i>)	3	AVN 360	General Aviation Management (3)
	Free Elective	3	BTS 300	0	AVN 435	Turbine Aircraft Systems (3)
					† PLUS TWENTY-FIVE (25) HOURS of electives (<i>concentration elective</i>)	
	TOTAL	15	TOTAL	12	SUPPORTING COURSE REQUIREMENTS (12)	
Senior Year	AVN 340	3	AVN 370	3	AVN 335 <i>or</i> GEO 315	Weather Reporting/Analysis (3)
	AVN 390	3	AVN 401 (ACCT)	3	° ECO 230	Meteorology (3)
	AVN 402	3	AVN 435	3	° MAT 112A <i>and</i> MAT 112B (<i>or higher</i>)	Principles of Microeconomics (3)
	AVN 410	3	AVN 460	3	(MGT 300 <i>or</i> BUS 303)	Algebra: Polynomials (1.5)
	Free Elective	1	AVN 467	0	Bus. Majors only <i>or</i> MGT 301	Algebra: Functions and Matrices (1.5)
			BTS 400 (<i>spring only</i>)	0	° PHY 101 (<i>or higher</i>)	Principles of Management (3)
	TOTAL	13	TOTAL	12	° CMS 100 <i>or</i> ° CMS 210 <i>or</i> ° EES 250	Essentials of Organizational Behavior and Human Resource Management (3)
TOTAL HOURS TO DEGREE COMPLETION				120	STA 215	Principles of Management (NB) (3)
					TEC 161	Conceptual Physics (3)
					EXIT REQUIREMENT (0)	
					AVN 467	Introduction to Human Communication (3)
					FREE ELECTIVES (4)	
					Comprehensive Exam for BS in Aviation (0)	

° 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.)