

Secondary-Postsecondary Pathway Alignment

Postsecondary Institution: Eastern Kentucky University
Secondary School: _____

HS Pathway: Flight and Aeronautics
Post-Secondary Degree: Aviation Professional Flight (B.S.)

Grade	Academic Core	Technical Core	Diploma, Certifications(s), Certificate(s), Degree(s)
9	<ul style="list-style-type: none"> ○ English I (1) ○ Algebra I (1) ○ Science (1) ○ Social Studies (1) ○ Physical Education (.5) ○ Health (.5) 	<ul style="list-style-type: none"> ○ Introduction to Aerospace and Aviation (1) 	
10	<ul style="list-style-type: none"> ○ English II (1) ○ Geometry (1) ○ Science (1) ○ Social Studies (1) ○ Visual and Performing Arts (1) 	<ul style="list-style-type: none"> ○ Aviation I (1) 	
11	<ul style="list-style-type: none"> ○ English (1) ○ Algebra II (1) ○ Science (1) ○ Social Studies (1) 	<ul style="list-style-type: none"> ○ Aviation II (1) 	
12	<ul style="list-style-type: none"> ○ English (1) ○ English (1) ○ Personal Finance (1) ○ Electives (2) 	<ul style="list-style-type: none"> ○ Commercial Aviation OR Aerospace Engineering OR Unmanned Aircraft Systems OR Aviation Capstone OR Engineering Co-op OR Engineering Internship (1) 	<ul style="list-style-type: none"> ○ High School Diploma ○ KWIB Approved Industry Certification(s)
13	<ul style="list-style-type: none"> ○ BTO 100 Orientation (1) ○ E-1A ENG 101 Written Communication (3) ○ E-2 MAT 112 Algebra (3) ○ E-1B ENG 102 Written Communication (3) ○ E-4 PHY 101 Concepts of the Physical World (5) 	<ul style="list-style-type: none"> ○ AVN 150 Introduction to Aviation (3) ○ AVN 161 Private Pilot-SEL: Ground (4) ○ AVN 161A Private Pilot-SEL: Flight I (1) ○ AVN 162A Private Pilot-SEL: Flight II (1) ○ AVN 220 Instrument Pilot: Ground (4) ○ TEC 161 Computer Systems (3) ○ AVN 221A Instrument Pilot: Flight I (1) 	
14	<ul style="list-style-type: none"> ○ E-1C EES 250 Interpersonal Communications (3) ○ E-5B ECO 230 Principles of Economics (3) ○ E-3B Humanities (3) ○ STA 215 Intro to Statistical Reasoning (3) ○ E-4 Natural Sciences (3) 	<ul style="list-style-type: none"> ○ AVN 222A Instrument Pilot: Flight II (1) ○ AVN 305 Multi-Engine Pilot: Ground (1) ○ AVN 315 Aviation Safety Programs (3) ○ AVN 300 Commercial Pilot: Ground (2) ○ AVN 305a Private Pilot Multi-Engine: Flight (1) ○ AVN 330 Crew Resource Management (3) ○ AVN 335 Weather Reporting/Analysis (3) ○ AVN 301A Commercial Pilot: Flight I (1) 	

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15	<ul style="list-style-type: none"> ○ MGT 301 Principles of Management (3) ○ E-3A Arts (3) ○ E-6A Diversity of Perspective (3) ○ E-6B Diversity of Perspective (3) ○ BTS 300 Bus & Tech Seminar (0) 	<ul style="list-style-type: none"> ○ AVN 302A Commercial Pilot: Flight II (1) ○ AVN 325 Aircraft Systems (3) ○ AVN 329W Aviation Human Factors (3) ○ AVN 303A Commercial Pilot: Flight III (1) ○ AVN 350 Air Transportation (3) ○ AVN 415 Instructor Pilot-SEL: Ground (3) ○ AVN 425 Applied Aerodynamics (3) ○ AVN 480 Glass Cockpit Technologies (1) ○ AVN 304A Commercial Pilot: Flight IV (1) 	
16	<ul style="list-style-type: none"> ○ E-5A Historical Perspective (3) ○ Elective (3) 	<ul style="list-style-type: none"> ○ AVN 340 Airport Operations and Security (3) ○ AVN 390 Aviation Decision Making (3) ○ AVN 402 Corporate and Business Aviation (3) ○ AVN 410 Air Traffic Control (3) ○ AVN 435 Turbine Aircraft Systems (3) ○ AVN 370 Aviation Leadership (3) ○ AVN 401 Airline Management (3) ○ AVN 460 Aviation Legislation (3) ○ AVN 467 Aviation Exit Exam (0) ○ BTS 400 Bus & Tech Seminar (0) 	<ul style="list-style-type: none"> ○ Aviation B.S. Degree Professional Flight Concentration