



EASTERN KENTUCKY UNIVERSITY

College of Business & Technology

SUGGESTED CURRICULUM GUIDE FOR AVIATION (B.S. DEGREE) PROFESSIONAL FLIGHT OPTION – Fall 2008

Freshman (1st Semester) 16 hrs

BTO 100* Orientation (1 hr)
 AVN 150 Introduction to Aviation
 AVN 192 Professional Aeronautics (5 hrs)
 AVN 194A Private Pilot (1 hr)
 MAT 107 College Algebra
 Block I-A* ENG 101

Sophomore (1st Semester) 16 hrs

AVN 220 Instrument Pilot: Ground (4 hrs)
 AVN 220A Instrument Pilot: Flight (1 hr)
 GEO 315 Meteorology
 PHY 131 College Physics I (5 hrs)
 Block III-A Arts

Junior (1st Semester) 18 hrs

AVN 315 Human Factors in Flight Safety
 AVN 300 Commercial Pilot: Ground (2 hrs)
 AVN 300A Commercial Pilot: Flight (1 hr)
 ECO 230 Principles of Microeconomics
 MAT 211 or 261 Calculus
 STA 215 Elementary Probability & Statistics
 Block V-C History or Social Science

Senior (1st Semester) 15 hrs

AVN 350 Air Transportation
 MGT 480 or INT 408 Management Behavior
 Block VII Breadth of Knowledge
 Free Elective (up to 6 hrs)

Freshman (2nd Semester) 17 hrs

AVN 205A Intermediate Supervised Flight I (1 hr)
 AVN 206A Intermediate Supervised Flight II (1 hr)
 CSC 104 or CIS 212 or TEC 161 Computer Systems
 MAT 108 Trigonometry
 Block I-B* ENG 102
 Block IV-A Biological Lab Science
 Block VI Wellness

Sophomore (2nd Semester) 13 hrs

AVN 229A Advanced Supervised Flight I (1 hr)
 AVN 230A Advanced Supervised Flight II (1 hr)
 PHY 132 College Physics II (5 hrs)
 PSY 200 Introduction to Psychology
 Block III-B Humanities

Junior (2nd Semester) 17 hrs

AVN 325 Aircraft Systems
 MGT 300 or 301 Principles of Management
 Block V-A History
 Block I-C CMS 100
 Free Electives (up to 5 hrs)
 BTS 300 Business & Technology Seminar (0 credit)**

Senior (2nd Semester) 16 hrs

AVN 400 Multi-Engine Pilot: Ground (1 hr)
 AVN 400A Multi-Engine Pilot: Flight (1 hr)
 AVN 410 Air Traffic Control
 AVN 425 Advanced Aerodynamics
 AVN 460 Aviation Legislation
 Free Electives (up to 5 hrs)
 BTS 400 Business & Technology Seminar (0 credit)**

*Course must be taken in semester indicated.

** Spring Only

BACHELOR OF SCIENCE - Department of Technology

Aviation Area Major, Professional Flight Option

University Requirements	1 hr
BTO 100	
General Education Requirements.....	30 hrs
Standard General Education program, excluding general education course blocks II, IVB, VB, VII (QS), and VIII (6 hrs). Refer to Section Four of the <i>Undergraduate Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar	
BTS 300 (CR) and BTS 400 (CR)	
Supporting Course Requirements	40 hrs
CIS 212 or TEC 161 or CSC 104; ECO 230; GEO 315; MAT 107, 108, 211 or 261; MGT 300 or 301, MGT 480 or INT 408; PHY 131(5), PHY 132(5); PSY 200; and STA 215	
Free Electives	16 hrs
Core.....	15 hrs
AVN 150, 315, 350, 410, 460.	
Major Requirements.....	26 hrs
AVN 192(5), 194A(1), 205A(1), 206A(1), 220(4), 220A(1), 229A(1), 230A(1), 300(2), 300A(1), 325, 400(1), 400A(1), and 425.	
Total Curriculum Requirements.....	128 hrs