



**Department of Technology
College of Business & Technology**

Aviation (B.S.)

Options: Professional Flight, Aerospace Management

Aviation at EKU

Become an aviation professional. The EKU aviation program prepares students to achieve professional careers in the aviation and aerospace industry. The aviation program provides for a Bachelor of Science degree with options in Professional Flight or Aerospace Management. Students in the professional flight option receive flight certification in Private Pilot, Instrument, Commercial, Flight Instructor, CFII, and Multi Engine. A Bachelor's degree in Aerospace Management prepares students for exciting management careers in all aspects of the aviation industry to include airports, airlines, corporate aviation, and government agencies such as the FAA, NASA and NTSB. Management graduates entering the industry are prepared to function in areas of airport and airline management involving marketing, public relations, human resources, safety and security at the local, national and international level. Aerospace management students also have the opportunity to receive certification as an AAAE Certified Member (AAAE CM) through the American Association of Airport Executives (AAAE).

Aviation Careers

The U.S. Department of Labor projects employment of aircraft pilots to increase nine to ten percent through 2014. In the long run, demand for air travel is expected to grow along with the population and the economy. Careers in aviation management are as diverse as they are complex. The aviation industry requires effective management in the areas of public relations, finance, business operations, personnel and labor relations. Median annual earnings of commercial pilots were \$53,870 (May 2004). Average entry level incomes for management are \$30,000 to \$40,000. EKU aviation graduates from both options have found positions with Delta, Comair, Chautauqua Airlines, Jet Blue, Continental, Kentucky Department of Aviation, U.S. Military, San Antonio International Airport, L-3, Kentucky State Police, Louisville Police Department, and through self-employment.

Department Facilities, Faculty and Student Organizations

The Department of Technology is located in the Ralph W. Whalin Technology Complex which includes approximately 100,000 square feet of classroom and laboratory space. Laboratories housed in the Whalin Complex include aviation, electronics, computer aided drafting (CAD), graphic communications, quality assurance, industrial materials, metallic materials, construction fabrication, hydraulics/pneumatics and computer applications. The facilities are located in the central portion of campus, close to the library, classroom buildings and dormitories. Faculty in the aviation program have real world industry experience. The program uses up-to-date audio and video equipment. Flight students receive flight training in FAR Part 141 FAA approved aircraft and quality instruction from FAA Part 141 flight instructors. Aviation students may also participate in Alpha Eta Rho - an international professional co-ed fraternity.

Suggested First Semester (Flight)

BTO 100 Academic Orientation	1
AVN 150 Introduction to Aviation	3
AVN 192 Professional Aeronautics	5
AVN 194a Private Pilot	1
MAT 107 College Algebra or	
MAT 108 Trigonometry	3
Block IA ENG 101 or ENG 105	3
Total Hours:	16

Suggested First Semester (Mgt)

BTO 100 Academic Orientation	1
AVN 150 Introduction to Aviation	3
MAT 107 College Algebra or	
MAT 108 Trigonometry	3
Block IA ENG 101 or ENG 105	3
Block VI Wellness	3
Block VA History	3
Total Hours:	16

For More Information

Office of Admissions
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521 Lancaster Avenue
Richmond, KY 40475-3102
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859-622-2106
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307 Whalin Complex
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
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www.aviation.eku.edu



University requirements for: **Aviation (B.S)**

Total Required Courses

University Requirement (1 hour)

BTO 100 (Academic Orientation)

General Education Requirements (30 hours)

Courses selected from Communication, Arts & Humanities, Natural Sciences, Social & Behavioral Sciences, and Wellness.

College Requirement: Professional Skills Seminar

BTS 300 (Juniors) and BTS 400 (Seniors)

Supporting Course Requirements (40 hours)

Computer Science, Computer Information Systems, Geology, Mathematics, Management, Physics, Psychology, and Statistics.

Major Requirements (41-45 hours)

(Aviation Core: 15 hours) Intro to Aviation, Human Factors in Flight Safety, Air Transportation, Air Traffic Control, Aviation Legislation, plus one of the following options:

Professional Flight (26 hours)

- AVN 192 Professional Aeronautics (5)
- AVN 194A Private Pilot (1)
- AVN 205A Intermediate Supervised I (1)
- AVN 206A Intermediate Supervised II (1)
- AVN 220 Instrument Pilot: Ground (4)
- AVN 220A Instrument Pilot: Flight I (1)
- AVN 229A Advance Supervised Flight I (1)
- AVN 230A Advanced Supervised Flight II (1)
- AVN 300 Commercial Pilot: Ground (2)
- AVN 300A Commercial Pilot: Flight (1)
- AVN 325 Advanced Aircraft Systems (3)
- AVN 400 Multi-Engine Pilot: Ground (1)
- AVN 400A Multi-Engine Pilot: Flight (1)
- AVN 425 Advanced Aerodynamics (3)

Aerospace Management (30 hours)

- AVN 340 Airport Management (3)
- AVN 360 Problems in Aviation Administration (3)
- AVN 370 Techniques: Aviation Supervisors (3)
- AVN 390 Aviation Administration Decision Making (3)
- AVN 401 Airline Management (3)
- AVN 402 Corporate & Business Aviation (3)
- AVN/BUS Electives (12)

Free Electives (12-16 hours)

Total Curriculum Requirements (128 hours)

EASTERN KENTUCKY UNIVERSITY

As you consider where you'll pursue your studies, Eastern Kentucky University encourages you to ask yourself, "What do I want to do with my life?" and "Who can help me reach that destination?"

Before we tell you about EKV, let's focus on your needs. What are you looking for in a college or university?

- Renowned, accessible professors; low student/faculty ratio
- State-of-the-art facilities
- Extensive curriculum
- Wide network of campus organizations
- Affordable cost
- Inviting campus

Achieving your goals depends on the quality of the faculty and curriculum at the school you choose to attend. Every college and university touts facilities, but few can match the accolades of our faculty. At EKV you'll reach beyond the borders of classroom discussion to hands-on experience and networking opportunities with experts in the field.

EKV graduates are world leaders in areas as diverse as international business and homeland security; local, state and national government; as well as drama and law. Campus facilities, such as the Studio for Academic Creativity, which is designed to enhance research, writing, and presentation skills, and our new state-of-the-art science building, ensure our students of exposure to technologies vital to real world success.

We hope you'll see that from our view there no limitations, just possibilities.

- A comprehensive, public university serving more than 16,000 students.
- Undergraduate and graduate excellence through 168 associate, baccalaureate, master's, specialist and cooperative doctoral programs.
- Quality and diversity in faculty and staff.
- Student/professor ratio of 17:1.
- 66-acre main campus in Richmond, regional campuses in Corbin, Danville, Lancaster and Manchester, and higher education centers throughout the Commonwealth.

Eastern Kentucky University is an Equal Opportunity/Affirmative Action employer and educational institution and does not discriminate on the basis of age, race, color, religion, sex, sexual orientation, disability, national origin, or Vietnam era or other veteran status, in the admission to, or participation in, any education program or activity which it conducts, or in any employment policy or practice. Any complaint arising by reason of alleged discrimination should be directed to the Equal Opportunity Office, Eastern Kentucky University, Jones Building, Room 409, Coates CPO 37A, Richmond, Kentucky 40475-3102, (859) 622-8020 (V/TDD), or the Director of the Office for Civil Rights, U.S. Department of Education, Philadelphia, PA.