



Aviation B.S. Degree

Professional Flight

Aviation Flight Courses

AVN 161 Private Pilot-SEL: Ground (4 hrs)
AVN 161A Private Pilot-SEL: Flight I (1 hr)
AVN 162A Private Pilot-SEL: Flight II (1 hr)

AVN 220 Instrument Pilot Ground (4 hrs)
AVN 221A Instrument Pilot: Flight I (1 hr)
AVN 222A Instrument Pilot: Flight II (1 hr)

AVN 300 Commercial Pilot-Ground (2 hrs)
AVN 301A Commercial Pilot Flight I (1 hr)
AVN 302A Commercial Pilot-Flight II (1 hr)
AVN 303A Commercial Pilot Flight III (1 hr)
AVN 304A Commercial Pilot Flight IV (1 hr)

AVN 415 Instructor Pilot-SEL: Ground
AVN 415A Instructor Pilot: Flight (1 hr)

AVN 305 Multi-Engine Pilot-Ground (1 hr)
AVN 305A Multi-Engine: Flight (1 hr)

Optional

AVN 421 Instrument & MEL IP-Ground (2 hrs)
AVN 421A Instrument Instructor Flight (1 hr)
AVN 423A Instructor Multi-engine: Flight (1 hr)

Required Aviation Courses

AVN 150 Introduction to Aviation
AVN 315 Aviation Safety programs
AVN 325 Aircraft Systems
AVN 329W Human Factors
AVN 330 Crew Resource Management
AVN 340 Airport Operations & Security
AVN 350 Air Transportation
AVN 370 Aviation Leadership
AVN 390 Aviation Decision Making
AVN 401 Airline Management
AVN 402 Corporate and Business Aviation
AVN 410 Air Traffic Control
AVN 425 Applied Aerodynamics
AVN 435 Turbine Aircraft Systems
AVN 460 Aviation Legislation
AVN 480 Glass Cockpit Technologies (1)
AVN 467 Aviation Exit Exam (0 credit)

Supporting/Elective Courses

BTO 100 Orientation (1 hr)

E-1A ENG 101 or 105
E-1B ENG 102
E-1C CMS 100/210 or EES 250

E-2 MAT 114 or higher

E-3A Arts
E-3B Humanities

E-4A Laboratory Life Science
E-4B PHY 101

E-5A Historical Perspective
E-5B ECO 230 Economics I

E-6A Diversity of Perspective
E-6B Diversity of Perspective

TEC 161 Computer Systems
STA 215 Statistical Reasoning
(or **QMB 200** Bus Stat I)
MGT 301 Principles of Mngt
GEO 315 Meteorology
(Or **AVN 335** Weather Reporting)
BTS 300 Bus & Tech Seminar (0)
BTS 400 Bus & Tech Seminar (0)

NOTES:

- This curriculum guide incorporates changes that will take effect with the 2018-19 Course Catalog, most notably, the addition of AVN 340 & 390W to the Pro Flight concentration.
- This curriculum guide is a planning tool only; ECU Degree Works is the official record and should be consulted often to ensure all program requirements are met.
- The FAA requires the completion of 60 hours of specific aviation coursework to qualify for the 1,000 hour Restricted-Airline Transport Pilot certificate. Consult the ECU Aviation website for the most current list of courses that are listed on the ECU Aviation Letter of Authorization.
- Students may not register for the next ground course (AVN 220, 300, or 415) until they are actively flying in the second flight lab of their current flight curriculum.