

AVIATION

Aviation - Professional Pilot Airplane Associate of Applied Science

PROGRAM DESCRIPTION

The Aviation program trains individuals to work as professional pilots in the air transportation industry. The opportunities in the pilot career field are fascinating and many, and include piloting a commercial airliner, flying for a corporation providing a service to the leaders of the company, flying as a charter pilot taking passengers point-to-point, providing flight instruction to new pilot students and operating autonomous aerial vehicles.

Students in the airplane track will be eligible to earn the FAA Private Pilot and Commercial Pilot certificates (single and multiengine), the Instrument rating, the Multiengine rating and Certified Flight Instructor certificate/ratings (CFI, CFII, MEI). Training will be conducted under Federal Aviation Regulations Part 61.

PROGRAM COSTS

(beyond standard tuition/fees and textbooks)

Material Costs

- All fees for the term must be paid in full by 5 p.m. on Friday of the second week of the term.
- Unless under unusual, nonacademic and documented circumstances simulator fees are non-refundable.
- Used portions of flight fees are non-refundable.
- Pilot headset, approximately \$350.
- Flight Labs: Authorized Aircraft and Hourly Rates: Airplane Aircraft: C-172, C-182, Seminole, Bonanza, Baron, Decathlon, FTD
- **AV222A Airplane Flight Lab, Private Pilot (AV110)**
Cessna 172
 16 hrs. Pre/Post Instruction @ \$35 = \$560
 20 hrs. Dual flight @ \$200 = \$4,000
 2.25 hrs. Dual FTD @ \$90 = \$202.50
 Total = \$4,762.50
 Total Flight Hrs. =22.25 hrs. (1 credit)
- **AV222B Airplane Flight Lab, Private Pilot (AV110)**
Cessna 172
 14 hrs. Pre/Post Instruction @ \$35 = \$490
 5 hrs. Dual flight @ \$200 = \$3,000
 5 hrs. Solo flight @ \$165=\$825
 3 hrs. Dual FTD @ \$90 = \$270
 Written Exam: \$160
 DPE Fee: \$450
 Total = \$5,195.00
 Total Flight Hrs. =23 hrs. (1 credit)
- **AV222C Airplane Flight Lab, Private Pilot (AV110)**
Cessna 172
 11 hrs. Pre/Post Instruction @ \$35 = \$385
 10 hrs. Dual flight @ \$200 = \$2,000
 10 hrs. Solo flight @ \$165=\$1,650
 Total = \$4,035.00
 Total Flight Hrs. =20 hrs. (1 credit)
- **AV222D Airplane Flight Lab, Instrument Pilot (AV210)**
Cessna 172
 13 hrs. Pre/Post Instruction @ \$35 = \$455
 24 hrs. Dual flight @ \$200 = \$4,800
 10 hrs. Dual FTD @ \$90 = \$900
 Written Exam: \$160
 DPE Fee: \$450
 Total = \$6,765.00
 Total Flight Hrs. =34 hrs. (1 credit)
- **AV222E Airplane Flight Lab, Instrument Pilot (AV210)**
Cessna 172
 13 hrs. Pre/Post Instruction @ \$35 = \$455
 24 hrs. Dual flight @ \$200 = \$4,800

12 hrs. Dual FTD @ \$90 = \$1,080
 Total = \$6,335.00
 Total Flight Hrs. =36 hrs. (1 credit)

• **AV222F Airplane Flight Lab, Commercial Pilot (AV220) Cessna 172**

12 hrs. Pre/Post Instruction @ \$35 = \$420
 28 hrs. Dual flight @ \$200 = \$5,600
 25 hrs. Solo flight @ \$165=\$4,125
 12 hrs. Dual FTD @ \$90 = \$1,080
 Total = \$11,225.00
 Total Flight Hrs. =65 hrs. (1 credit)

• **AV222G Airplane Flight Lab, Commercial Pilot (AV220) Cessna 172, Cessna 182, Bonanza**

22 hrs. Pre/Post Instruction @ \$35 = \$770
 19 hrs. Dual flight @ \$200 = \$3,800
 25 hrs. Dual flight @ \$260=\$6,500
 34 hrs. Solo flight @ \$165=\$5,610
 12 hrs. Dual FTD @ \$90 = \$1,080
 Written Exam: \$160
 DPE Fee: \$450
 Total = \$18,370.00
 Total Flight Hrs. =90 hrs. (1 credit)

• **AV222M Airplane Flight Lab, Commercial Pilot (AV220) Decathlon**

14 hrs. Pre/Post Instruction @ \$35 = \$490
 9 hrs. Dual flight @ \$545.56 = \$4,910
 Total = \$5400.00
 Total Flight Hrs. =9 hrs. (1 credit)

• **AV222I Airplane Flight Lab, Certified Flight Instructor (AV250) Cessna 182, Bonanza**

22 hrs. Pre/Post Instruction @ \$35 = \$770
 38 hrs. Dual flight @ \$260=\$9,880
 Written Exam: \$320
 DPE Fee: \$650
 Total = \$11,620.00
 Total Flight Hrs. =38 hrs. (1 credit)

• **AV222J Airplane Flight Lab, Certified Flight Instructor (AV250) Cessna 172**

12 hrs. Pre/Post Instruction @ \$35 = \$420
 15 hrs. Dual flight @ \$200 = \$3,000
 6 hrs. Dual FTD @ \$90 = \$540
 Written Exam: \$160
 DPE Fee: \$450
 Total = \$4,570.00
 Total Flight Hrs. =21 hrs. (1 credit)

• **AV222K Airplane Flight Lab, Multi Engine Pilot (AV230) Baron, Seminole**

10 hrs. Pre/Post Instruction @ \$35 = \$350
 20 hrs. Dual flight @ \$385 = \$7,700
 DPE Fee: \$450
 Total = \$8,500.00
 Total Flight Hrs. =20 hrs. (1 credit)

• **AV222H Airplane Flight Lab, Multi Engine Pilot (AV230) Baron, Seminole**

16 hrs. Pre/Post Instruction @ \$35 = \$560
 22 hrs. Dual flight @ \$385 = \$8,470
 2 hrs. Dual FTD @ \$90 = \$180
 DPE Fee: \$450
 Total = \$9,660.00
 Total Flight Hrs. =24 hrs. (1 credit)

Enrollment Fees

- None

PROGRAM ENTRANCE REQUIREMENTS

Academic Entrance Requirements

- None

Other Entrance Requirements

- Required:
 - Students who enroll in this course of study must have a valid FAA Medical Certificate and a student pilot certificate. A doctor designated by the FAA as an Aviation Medical Examiner must conduct the medical exam. Incoming students in the professional pilot program are encouraged to obtain at least a second-class medical certificate prior to entry into the program to ensure that they can eventually pursue a career in commercial aviation. The medical application form will ask the applicant’s prior medical history, prior DUI/DUII, any record of alcohol or substance abuse and any history of non-traffic misdemeanors or felonies.

PROGRAM PERFORMANCE STANDARDS

Academic Requirements

- Students must have a 2.0 cumulative GPA to earn a COCC certificate or degree.
- Students must maintain a minimum 2.0 GPA while enrolled in the program. Students who do not maintain this standard and desire to continue the program, require completion of a training plan approved by their COCC advisor.
- All courses in the program must be completed with a grade of C or higher.

Additional Requirements

- Students must be prepared to fly three to four days per week in order to maintain the rigorous schedule that is required in order to complete the flight training in a timely manner.
- National/state legal eligibility or unique requirements for licensure and/or entry into occupation, or advancement in the occupation
- Pilots are credentialed by the Federal Aviation Administration (FAA) and must meet the requirements of the Federal Aviation Regulations to qualify for the pilot certificates/ratings.
- FAA medical certificate required prior to beginning flight training.
- Student Pilot certificate required prior to beginning flight training.
- The FAA requires applicants pass an airman knowledge exam for pilot certificates/ratings. A third-party company administers those exams and a \$160 testing fee is required.
- Pilot certificates/ratings are issued after an applicant passes a practical exam (ground oral exam and flight check) administered by a Designated Pilot Examiner (DPE) who will charge a fee for that exam.
- Background checks and random drug screening can be expected in any aviation industry position.

PROGRAM COURSE REQUIREMENTS

Core Courses

AV 101	Introduction to Aviation ¹	3
AV 104	Introduction to Aircraft Systems ¹	4
AV 108	Meteorology I ¹	4
AV 110	Private Pilot - Airplane ²	5
AV 112	Technically Advanced Aircraft	1
AV 112A	Tech Advanced Aircraft Lab	1
AV 150	Aerodynamics ¹	4
AV 200	Aviation Law ¹	3
or AV 201	Airport Management	
AV 204	Advanced Aircraft Systems ¹	4
AV 208	Meteorology II ¹	4
AV 210	Instrument - Airplane ⁴	5
AV 220	Commercial Pilot-Airplane ⁴	4
AV 230	Multiengine Pilot ⁴	2
AV 235	Human Factors ¹	4
AV 246	Aviation Safety ¹	3
AV 250	CFI - Airplane ⁴	5

Airplane Flight Labs³

AV 222A	Airplane Flight Lab	12
AV 222B	Airplane Flight Lab	

AV 222C	Airplane Flight Lab	
AV 222D	Airplane Flight Lab	
AV 222E	Airplane Flight Lab	
AV 222F	Airplane Flight Lab	
AV 222G	Airplane Flight Lab	
AV 222H	Airplane Flight Lab	
AV 222I	Airplane Flight Lab	
AV 222J	Airplane Flight Lab	
AV 222K	Airplane Flight Lab	
AV 222M	Airplane Flight Lab	

Other Required Courses

BA 206	Management Fundamentals I	4
or BA 101	Intro to Business	
BA 285	Business Human Relations	3
or SP 218	Interpersonal Communication	
CIS 120	Computer Concepts (Computer Competency Test)	0-4
Discipline Studies Courses		8
MTH 085	Technical Mathematics I	4
or MTH 111 or higher		
WR 121	Academic Composition ⁵	3-4
or BA 214	Business Communications	

Total Credits 90-95

¹ May be taken in any order, in any term and may be taken before, with or after the flight courses.

² Must be taken as the first flight course. May be taken any term.

³ Flight fees, simulator fees and FAA testing fees are required in addition to normal tuition for all flight labs and must be paid by the end of the second week of the term. Used portions of flight fees are not refundable. Contact the Aviation program director, 541.318.3702, for more information.

⁴ The Instrument Airplane course AV 210, Commercial Airplane course AV220 and Certified Flight Instructor course AV 250 shall be completed before the Multiengine Pilot course AV230 can be taken.

⁵ WR 121 recommended for students who will pursue a bachelor's degree.

ADVISING NOTES

Airplane students in particular should plan to transfer to an institution granting bachelor's degrees to enhance employment opportunities. Therefore, the program works with several universities for transfer options. The AAS degree is designed to train the student as a professional pilot. Universities that have an aviation bachelor's degree (Eastern Kentucky University, Embry-Riddle Aeronautical University, etc.) will often accept the majority of these credits toward their degree.

Those wishing to transfer to Oregon Institute of Technology should use the Associate of Science (AS) degree program. For information about transfer requirements at other institutions, contact the Aviation program director, 541.318.3702.