

AVIATION, PROFESSIONAL PILOT – AIRPLANE

Associate of Applied Science (AAS) Degree

90-95 credits

DEGREE AS AWARDED ON TRANSCRIPT

Associate of Applied Science, Aviation – Airplane

PROGRAM COURSE REQUIREMENTS**General Education/Foundational Requirements****Communication**

WR 121 Academic Composition 4

MathematicsMTH 085 Technical Mathematics I 4
or MTH 111 College Algebra
(or higher)**Human Relations**SP 111 Fundamentals of Public Speaking 3-4
or SP 218 Interpersonal Communication
or SP 219 Small Group Communication**Computer Skills**CIS 120 Computer Concepts 0-4
or Computer Competency Test**Business**BA 206 Management Fundamentals I 4
or BA 101 Introduction to Business
General Education Discipline Studies courses 8**Program Requirements**

All Aviation courses must be completed with a "C" grade or better.

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	Technically Advanced Aircraft Lab	1
AV 150	Aerodynamics ¹	4
AV 200	Aviation Law ¹	3
or AV 201	Airport Management ¹	
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	Certified Flight Instructor Ground ¹	5

AIRPLANE FLIGHT LABS

Select 11 credits from the following list. 11

(See Aviation advisor for individual recommendations.)

AV 222A	Airplane Flight Lab ^{3,5}	
AV 222B	Airplane Flight Lab ^{3,5}	
AV 222C	Airplane Flight Lab ^{3,5}	
AV 222D	Airplane Flight Lab ^{3,5}	
AV 222E	Airplane Flight Lab ^{3,5}	
AV 222F	Airplane Flight Lab ^{3,5}	
AV 222G	Airplane Flight Lab ^{3,5}	
AV 222H	Airplane Flight Lab ^{3,5}	
AV 222I	Airplane Flight Lab ^{3,5}	
AV 222J	Airplane Flight Lab ^{3,5}	
AV 222K	Airplane Flight Lab ^{3,5}	
AV 222M	Airplane Flight Lab ^{3,5}	

FOOTNOTES¹ 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. The fee structure is available on the Aviation website, cocc.edu/aviation. Contact the Aviation program director, 541.318.3702, for more information.⁴ Can be taken next in any sequence, together or separately, in any term. Earning the commercial pilot certificate is not dependent upon the instrument and multiengine ratings; however, pilots commonly include those ratings inside the total hours required for the commercial certificate in order to reduce the cost.⁵ Airplane students will take 11 credits of AV 222, Airplane Flight Labs. The labs can be taken in any term. See Aviation advisor for scheduling sequence.**FLIGHT LABS**

Professional Pilot degrees require completion of the associated flight labs to attain the credits necessary for graduation. The completion of the associated flight labs will also ensure compliance with Federal Aviation Administration flight hour and certification requirements. Professional Pilot students will be prepared to become certified flight instructors with instrument (CFII).

Flight labs may not directly correlate to the associated lecture course due to the constraints of weather and aircraft maintenance.

Authorized Aircraft and Hourly Rates: Airplane**Aircraft: C-172, C-182, Seminole, Bonanza, Baron, Decathlon, FTD****AV222A, Airplane Flight Lab****Cessna 172**16 hrs. Ground @ \$35 = \$560
20 hrs. Dual Flight @ \$200 = \$4,000
2.25 hrs. Dual FTD @ \$90 = \$202.50
Total: \$4,762.50**AV222B, Airplane Flight Lab****Cessna 172**14 hrs. Ground @ \$35 = \$490
15 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**AV222C, Airplane Flight Lab****Cessna 172**11 hrs. Ground @ \$35 = \$385
10 hrs. Dual Flight @ \$200 = \$2,000
10 hrs. Solo Flight @ \$165 = \$1,650
Total: \$4,035.00**AV222D, Airplane Flight Lab****Cessna 172**13 hrs. Ground @ \$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

AVIATION, PROFESSIONAL PILOT – AIRPLANE *(continued)*Associate of Applied Science (AAS) Degree
90-95 credits**AV222E, Airplane Flight Lab****Cessna 172**

13 hrs. Ground @ \$35 = \$455
 24 hrs. Dual Flight @ \$200 = \$4,800
 12 hrs. Dual FTD @ \$90 = \$1,080
 Total: \$6,335.00

AV222F, Airplane Flight Lab**Cessna 172**

12 hrs. Ground @ \$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

AV222G, Airplane Flight Lab**Cessna 172, Cessna 182, Bonanza**

22 hrs. Ground @ \$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

AV222M, Airplane Flight Lab**Decathlon**

14 hrs. Ground @ \$35 = \$490
 9 hrs. Dual Flight @ \$545.56 = \$4,910
 Total: \$5400.00

AV222I, Airplane Flight Lab**Cessna 182, Bonanza**

22 hrs. Ground @ \$35 = \$770
 38 hrs. Dual Flight @ \$260=\$9,880
 Written Exam: \$320
 DPE Fee: \$650
 Total: \$11,620.00

AV222J, Airplane Flight Lab**Cessna 172**

12 hrs. Ground @ \$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

AV222K, Airplane Flight Lab**Baron, Seminole**

10 hrs. Ground @ \$35 = \$350
 20 hrs. Dual Flight @ \$385 = \$7,700
 DPE Fee: \$450
 Total: \$8,500.00

AV222H, Airplane Flight Lab**Baron, Seminole**

16 hrs. Ground @ \$35 = \$560
 22 hrs. Dual Flight @ \$385 = \$8,470
 2 hrs. Dual FTD @ \$90 = \$180
 DPE Fee: \$450
 Total: \$9,660.00

