



ASSOCIATE OF APPLIED SCIENCE

Aviation

START here






Requirements to Earn this Associate Degree

Work with an advisor to develop your specialized education plan.

Students desiring admission into the Commercial Pilot Training program must meet appropriate admission requirements. Contact the Aviation Department at 509.793.2241 or aviation@bigbend.edu for specific admission requirements.

FAA Approved Core:

Credits

• AVF 111: Pre-Flight Ground School 	1
• AVF 112: Private Pilot Ground School 	5
• AVF 113: Meteorology.....	5
• AVF 114: Theory of Flight.....	5
• AVF 117: Aviation Emergency Preparedness & Response.....	1
• AVF 141: Private Pilot Flight (Stage 1) 	4
• AVF 142: Private Pilot Flight (Stage 2).....	4
• AVF 143: Private Pilot Flight (Stage 3).....	4
• AVF 190 (if needed): Flight (Alternate).....	0-4
• AVF 221: Commercial Pilot Ground School.....	5
• AVF 223: Instrument Ground School.....	5
• AVF 225 (optional): Effective Communication in Flight Instruction.....	5
• AVF 251: Commercial Pilot Flight (Stage 4).....	4
• AVF 252: commercial Pilot Flight (Stage 5).....	4
• AVF 253: Commercial Pilot flight (Stage 7).....	4
• AVF 254: Night Flying.....	1
• AVF 261: Instrument Flight (Stage 6).....	4
• AVF 290 (if needed): Flight (Alternate).....	0-4

General Education Requirements:

• CMST&220: Public Speaking.....	5
• ENGL&101: English Composition I.....	5
• FAD 150: First Aid/CPR.....	2
• MAP 117: Applied Math for Workforce Programs.....	5
(any college-level math if pursuing a Bachelor's degree)	
• PSYC&100: General Psychology OR	
SOC&101: Intro to Sociology.....	5

Total Credits Required: 90

TO DO:

Stay on track with this checklist!

TO DO'S:

QUARTER 1

- APPLY FOR FAFSA OR WASFA FOR NEXT YEAR
- SET UP YOUR BANKMOBILE ACCOUNT
- GET FAMILIAR WITH YOUR CTCLINK STUDENT HOMEPAGE
- MEET WITH YOUR ADVISOR
- FAA PRIVATE PILOT WRITTEN EXAM

QUARTER 2

- MAKE AN EDUCATION PLAN WITH YOUR ADVISOR
- APPLY FOR BBC FOUNDATION SCHOLARSHIPS

QUARTER 3

- WORK WITH CHIEF INSTRUCTOR TO DETERMINE NEED FOR SUMMER FLIGHT

QUARTER 4

- UPDATE YOUR EDUCATION PLAN WITH YOUR ADVISOR
- FAA INSTRUMENT RATING WRITTEN EXAM

QUARTER 5

- APPLY FOR GRADUATION (AFTER ENROLLING IN YOUR FINAL QUARTER OF CLASSES)
- FAA COMMERCIAL PILOT WRITTEN EXAM

QUARTER 6

- ORDER CAP AND GOWN
- ATTEND GRADUATION!
- EXPLORE EMPLOYMENT OPPORTUNITIES
- FAA CFI WRITTEN EXAMS (OPTIONAL)

Career Outlook

The Commercial Pilot Training program combines course work in flight training along with other ground school courses to prepare students for obtaining a commercial pilot certificate with instrument rating. To meet these requirements, most students require more than six quarters to complete the training. Additional ratings for flight instructor, instrument flight instructor, multi-engine, and seaplane may be earned through special arrangements.

Future Education Opportunities

Because most airlines and major corporations give hiring preference to pilots with a four-year degree, most aviation students choose to obtain the two-year transfer degree in order to complete their Bachelor's degree. This gives BBCC flight students more option and the flexibility to choose from a broader list of academic subject in which to major. Flight students choosing this degree option will have to take more credit hours to graduate than non-flight students.

Find Out More

509.793.2241 or aviation@bigbend.edu

<https://www.bigbend.edu/academics/aviation-commercial-pilot/>

Length of Program

90 credits = 6 quarters* if you take 15 credits each quarter.

*Your specific route may take longer than 6 quarters depending on the number of credits you take each quarter and where you start in your math and English pathways.

Which Quarter Can I Begin?

The flight program begins Fall quarter, though non-flight courses may be started any quarter.

Program Modality

This program cannot be completed entirely online. Flight courses are on campus. Some other courses are offered on-campus, online, or hybrid (part on-campus, part online).

Helpful Hints

- Cumulative GPA must be 2.0 or higher
- Meet with your advisor each quarter to make sure you are on track!

OPPORTUNITY FOR FREE \$\$\$

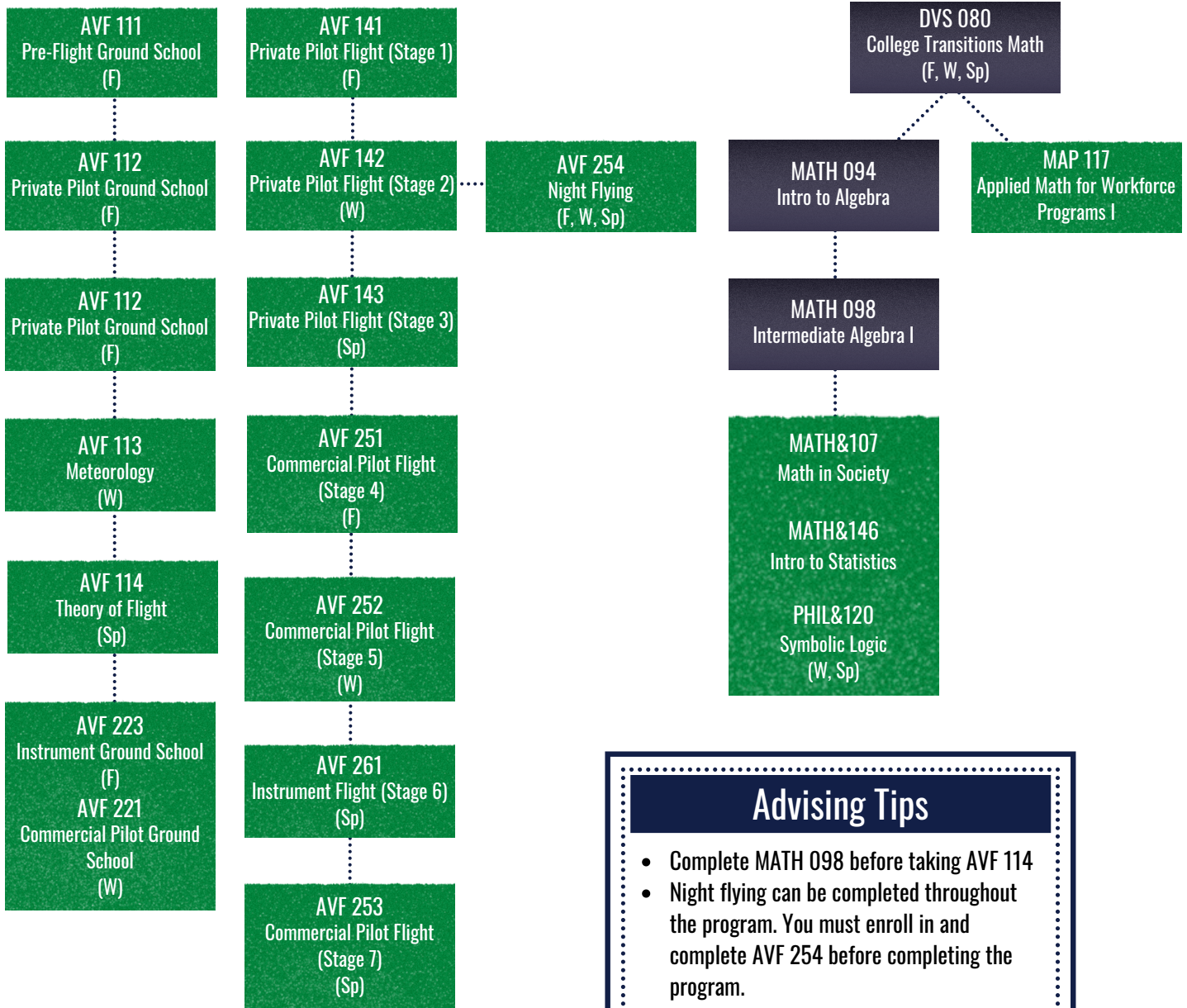
Workforce Education Services provides additional financial assistance for tuition and fees, books, tools, bus passes, and emergency support.

See if you qualify here!



Commercial Pilot Pre-Requisite Flow Chart

Start by talking with an advisor to determine which courses to take first based on your placement scores. You must be admitted into the AVF program to start AVF courses.



+ CSS 106
Reading Skills



Advising Tips

- Complete MATH 098 before taking AVF 114
- Night flying can be completed throughout the program. You must enroll in and complete AVF 254 before completing the program.

Limited Availability Courses Without Prerequisites:

- AVF 117: Aviation Emergency Preparedness & Response (W)

CERTIFICATE OPTIONS

Aviation

Commercial Pilot Certificate of Achievement

Credits

- AVF 111 - AVF 261.....51
- PSYC&100: General Psychology **OR**
SOC&101: Intro to Sociology.....5
- CMST&220: Public Speaking.....5
- ENGL&101: English Composition I.....5
- MAP 117: Applied Math for Workforce **OR**
any college levelSQR.....5
- FAD 150: Industrial First Aid.....2

Total Credits: 79

Aircraft Solo Certificate of Accomplishment

Credits

- AVF 111: Preflight Ground School.....1
- AVF 141: Private Pilot Flight (Stage 1).....4

Total Credits: 5

Private Pilot Certificate of Accomplishment

Credits

- AVF 112: Private Pilot Ground School.....5
- AVF 113: Meteorology.....5
- AVF 142: Private Pilot Flight (Stage 2).....4
- AVF 143: Private Pilot Flight (Stage 3).....4

Total Credits: 18

Commercial Pilot Certificate of Accomplishment

Credits

- AVF 114: Theory of Flight.....5
- AVF 221: Commercial Pilot Ground School.....5
- AVF 251: Commercial Pilot Flight (Stage 4).....4
- AVF 252: Commercial Pilot Flight (Stage 5).....4
- AVF 253: Commercial Pilot Flight (Stage 7).....4
- AVF 254: Night Flying.....1

Total Credits: 23

Instrument Pilot Certificate of Accomplishment

Credits

- AVF 223: Instrument Ground School.....5
- AVF 261: Instrument Flight Instruction (Stage 6).....4

Total Credits: 9 (2 quarters)

Flight Instructor (CFI) Certificate of Accomplishment

Credits

- AVF 225: Effective Communication in Flight Instruction.....2
- AVF 270: Flight Instructor.....4

Total Credits: 9

Flight Instructor Instrument (CFII) Certificate of Accomplishment

Credits

- AVF 271: Flight Instructor Instrument Airplane.....2

Total Credits: 2

Sea Plane Certificate of Accomplishment

Credits

- AVF 272: Sea Plane Flight.....2

Total Credits: 2

Multi-Engine Certificate of Accomplishment

Credits

- AVF 275: Multi-Engine Flight.....2

Total Credits: 2

Simulator Training Certificate of Accomplishment

Credits

- AVF 276: Simulator Training/Instrument Training...1

Total Credits: 1

Multi-Engine Instructor (MEI) Certificate of Accomplishment

Credits

- AVF 291: Multi-Engine Instructor.....2

Total Credits: 2

ATP: Multi-Engine Certificate of Accomplishment

Credits

- AVF 292: Multi-Engine.....1

Total Credits: 1

My Education Plan

Name: _____

ID #: _____

 Quarter/Year	Quarter/Year
Quarter/Year	Quarter/Year
Quarter/Year	Quarter/Year

My Education Plan

Name: _____

ID #: _____

Quarter/Year	Quarter/Year
Quarter/Year	Quarter/Year
Quarter/Year	Quarter/Year



Suggested Schedule to Earn this Associate Degree

If the classes listed below don't fit your schedule or you're planning to start after fall quarter, work with an advisor to develop your specialized education plan.

Year One

Fall	Credits
<ul style="list-style-type: none"> • PSYC&100: General Psychology OR SOC&101: Intro to Sociology.....5 • FAD 150: Industrial First Aid.....2 • AVF 111: Preflight Ground School.....1 • AVF 112: Private Pilot Ground School.....5 • AVF 141: Private Pilot Flight (Stage 1).....4 	
Winter	
<ul style="list-style-type: none"> • ENGL&101: English Composition I.....5 • MAP 117: Applied Math for Workforce OR any college levelSQR.....5 • AVF 113: Meteorology.....5 • AVF 142: Private Pilot Flight (Stage 2).....4 • AVF 117: Aviation Emergency Preparedness.....1 	
Spring	
<ul style="list-style-type: none"> • AVF 114: Theory of Flight.....5 • AVF 143: Private Pilot Flight (Stage 3).....4 • CMST&220: Public Speaking.....5 	

Year Two

Fall	
<ul style="list-style-type: none"> • AVF 223: Instrument Ground School.....5 • AVF 251: Commercial Pilot Flight (Stage 4).....4 • Electives: Select with advisor.....1-5 	
Winter	
<ul style="list-style-type: none"> • AVF 221: Commerical Pilot Ground School.....5 • AVF 252: Commerical Pilot Flight (Stage 5).....4 • Electives: Select with advisor.....1-5 	
Spring	
<ul style="list-style-type: none"> • AVF 261: Instrument Flight (Stage 6).....4 • AVF 253: Commercial Pilot Flight (Stage 7).....4 • AVF 254: Night Flying.....1 • Electives or FAA rating courses: Select with advisor.....1-5 	