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. Because of this need, classes are scheduled each summer quarter. Additional ratings for flight instructor, instrument flight instructor, multi-engine, and seaplane may be earned through special arrangements (usually the eighth quarter). Students that complete the program earn their ratings as well as the Associate of Applied Science (AAS) degree. Special departmental rules and procedures stated in the BBCC Professional Pilot Course Handbook apply to this program.

**Associate in Arts and Science (AA&S) Transfer Option**

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 Bachelors’ degree. This gives BBCC flight students more options and the flexibility to choose from a broader list of academic subjects in which to major. Flight students choosing this degree option will have to take more credit hours to graduate than other non-flight students. If some of the basic education requirements have pre-approved substitutions, and all course requirements are met, it is possible for the commercial pilot student to receive both the AA&S and the AAS degrees during the program.

### ENTRY REQUIREMENTS

- Complete Admissions and Placement processes
- Meet with AVF Flight Instructor/Advisor
- Meet ALL entry requirements outlined in Section 1.1 of the BBCC Professional Pilot Course Handbook

### DEGREE REQUIREMENTS

**Equivalent Courses for AA&S Transfer Degree**

- CMST& 220 – Public Speaking (5)
- ENGL& 101 – Composition I (5)
- FAD 150 – Industrial First Aid & CPR (2) (optional)
- MATH& – Any College-Level SQR course (5)
- PSYC& 100 – General Psychology (5) or SOC& 101 – Introduction to Sociology (5)

**Associate of Applied Science (AAS) Requirements**

- CMST 100 – Human Communications (4)
- ENGL 109 – Applied Technical Writing (3)
- FAD 150 – Industrial First Aid & CPR (2)
- MAP 104 – Applied Mathematics (AVF) (4)
- BUS 120 – Human Relations of the Job (4)

**Additional Courses for AA&S Transfer Degree**

- ENGL& 102 – Composition II (5) or ENGL 235 – Technical Writing (5)
- Humanities (10)
- Social Sciences (10)
- Math/Science (10)
- Physical Education/Health/Wellness (3)

**FAA Approved Program Core**

- AVF 111 – Preflight 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 (1) or Flight Physiology (offered by CWU)
- 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 221 – Commercial Pilot Ground School (5)
- AVF 223 – Instrument 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)
- AVF 261 – Commercial Pilot Flight (Stage 6) (4)
- AVF Advisor approved electives, transfer courses and/or courses for FAA ratings (16)

**90 TOTAL DEGREE CREDITS**
AVIATION – COMMERCIAL PILOT PRE-REQUISITE FLOW CHART

Start by talking with your assigned advisor to determine which courses to take first based on your placement scores.

ADMITTED into AVF Program

AVF 111 Pre-Flight Ground School

AVF 112 Private Pilot Ground School

AVF 113 Meteorology and AVF 117 Aviation Emergency Prep

AVF 114 Theory of Flight

AVF 223 Instrument Ground School

AVF 221 Commercial Pilot Ground School

AVF 253 Commercial Pilot Flight (Stage 7)

AVF 252 Commercial Pilot Flight (Stage 5)

AVF 251 Commercial Pilot Flight (Stage 4)

AVF 143 Private Pilot Flight (Stage 3)

AVF 142 Private Pilot Flight (Stage 2)

AVF 141 Private Pilot Flight (Stage 1)

AVF 190, 290 Flight (Alternate)

AVF 254 Night Flying

ENGL 098 Basic English Skills

PLACEMENT into ENGL 099 English Skills

ENGL 109 Applied Technical Writing

BUS 120 Human Relations

ECON& 201 Microeconomics

COMPLETION of ENGL 099 English Skills

ENGL& 101 Composition I

ENGL& 102 or ENGL& 235

MAP 104 Applied Math

DVS 080 College Transitions Math

MATH 094 Intro to Algebra

MATH 098 Intermediate Algebra I

Program Courses WITHOUT Prerequisites

CMST 100 – Human Communications OR CMST& 220 – Public Speaking

FAD 150 – Industrial First Aid & CPR

PSYC& 100 or SOC& 101

KEY

STARTING POINT of SEQUENCE

PRE-requisite

CO-requisite

[F = fall  W = winter  Sp = spring  Su = summer]
# AVIATION – COMMERCIAL PILOT/FLIGHT QUARTERLY PLAN (YEAR ONE)

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVF 111</td>
<td>AVF 113</td>
<td>AVF 114</td>
</tr>
<tr>
<td>AVF 112</td>
<td>AVF 142</td>
<td>AVF 143 (must be completed prior to fall quarter of second year)</td>
</tr>
<tr>
<td>AVF 141</td>
<td>AVF 117 optional (may take 5th quarter or through CWU AVP 337 online)</td>
<td>2 academic transfer courses</td>
</tr>
<tr>
<td>2 academic transfer courses</td>
<td></td>
<td>2 academic transfer courses</td>
</tr>
</tbody>
</table>

## ADVISING

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fill out FAFSA or WAFSA for next year</td>
<td>BBCC Foundation scholarship app</td>
<td>Work with Chief Instructor to determine need for summer flight</td>
</tr>
<tr>
<td>Meet with your advisor</td>
<td>Meet with your advisor</td>
<td>Meet with your advisor</td>
</tr>
<tr>
<td>FAA Private Pilot Written Exam</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# AVIATION – COMMERCIAL PILOT/FLIGHT QUARTERLY PLAN (YEAR TWO)

<table>
<thead>
<tr>
<th>FOURTH QTR</th>
<th>FIFTH QTR</th>
<th>SIXTH QTR</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVF 223</td>
<td>AVF 221</td>
<td>AVF 261</td>
</tr>
<tr>
<td>AVF 251</td>
<td>AVF 252</td>
<td>AVF 253</td>
</tr>
<tr>
<td>2 academic transfer courses</td>
<td>AVF 117 or CWU AVP 337 online MUST BE completed prior to Commercial Cert.</td>
<td>AVF 225 (optional)</td>
</tr>
<tr>
<td></td>
<td>2 academic transfer courses</td>
<td>2 academic transfer courses</td>
</tr>
</tbody>
</table>

## ADVISING

<table>
<thead>
<tr>
<th>FALL</th>
<th>WINTER</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meet with your advisor</td>
<td>Apply for BBCC gradation</td>
<td>Explore employment opportunities</td>
</tr>
<tr>
<td>FAA Instrument Rating Written Exam</td>
<td>Meet with your advisor</td>
<td>FAA CFI Written Exams (optional)</td>
</tr>
<tr>
<td></td>
<td>FAA Commercial Pilot Written Exam</td>
<td></td>
</tr>
</tbody>
</table>

## QUARTERLY REGISTRATION PLANNING

<table>
<thead>
<tr>
<th>QUARTER: FALL</th>
<th>WINTER</th>
<th>SPRING</th>
<th>SUMMER</th>
<th>REGISTRATION ACCESS CODE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASS</td>
<td>TITLE</td>
<td>CREDITS</td>
<td>DAYS</td>
<td>TIME</td>
</tr>
<tr>
<td>ITEM #</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## QUARTERLY REGISTRATION PLANNING

**QUARTER:** FALL | WINTER | SPRING | SUMMER | REGISTRATION ACCESS CODE:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>TITLE</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

## QUARTERLY REGISTRATION PLANNING

**QUARTER:** FALL | WINTER | SPRING | SUMMER | REGISTRATION ACCESS CODE:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>TITLE</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

## QUARTERLY REGISTRATION PLANNING

**QUARTER:** FALL | WINTER | SPRING | SUMMER | REGISTRATION ACCESS CODE:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>TITLE</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

## QUARTERLY REGISTRATION PLANNING

**QUARTER:** FALL | WINTER | SPRING | SUMMER | REGISTRATION ACCESS CODE:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>TITLE</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

## QUARTERLY REGISTRATION PLANNING

**QUARTER:** FALL | WINTER | SPRING | SUMMER | REGISTRATION ACCESS CODE:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>TITLE</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

## QUARTERLY REGISTRATION PLANNING

**QUARTER:** FALL | WINTER | SPRING | SUMMER | REGISTRATION ACCESS CODE:

<table>
<thead>
<tr>
<th>CLASS</th>
<th>TITLE</th>
<th>CREDITS</th>
<th>DAYS</th>
<th>TIME</th>
<th>ITEM #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Certificate of Achievement
Students working toward a Certificate of Achievement need to develop a program plan with the faculty advisor in their Workforce Education area of interest. The plan must include all related instruction components. The Certificate of Achievement is designed to provide recognition for the student who has not completed an Associate in Applied Science degree program.

Certificate of Accomplishment
Students working toward a Certificate of Accomplishment need to develop a program plan with the faculty advisor in their Workforce Education area of interest. The Certificate of Achievement is designed to provide recognition for the student who does not complete a Certificate of Achievement or an Associate in Applied Science degree program.

Changes or substitutions for course work in the college catalog must be listed and approved by the advisor. It is essential that students meet quarterly with their advisor before registration to review progress and plan their program.

Each program plan must be approved by the Workforce Education program advisor and Dean of Workforce Education. Certificates will be issued out of the Dean of Workforce Education Instructional Services office.

☐ Certificate of Achievement  QTR & YR Completed: ______________________
☐ Certificate of Accomplishment  QTR & YR Completed: ______________________

Title of Certificate:
__________________________________________________________________________________

Advisor Approval:
__________________________________________________________________________________

Advisor  Date

Program Completion Approval:
__________________________________________________________________________________

Dean of Workforce Education  Date

__________________________________________________________________________________

Instructional Services Office Assistant  Date
Program advisor prior to application for degree: Please see the advisor. Program changes and substitutions must be approved by the Program advisor. Each program must be approved by the Workforce Education Program.

Date

Dean of Workforce Education

Program Completion Approval:

Date

Advisor Approval:

Current First Aid/CPR, First Responder, or EMT Card

Industrial First Aid and CPR plus Bloodborne Pathogens

FAD 150

Program Plan:

Equivalent of or higher certification as stated in the approved Professional/Technical Plan.

INDUSTRIAL FIRST AID REQUIREMENTS: 2 credits in Industrial First Aid or equivalent.

SAT READING REQUIREMENTS: 3.5 credits in Mathematics courses as stated in approved Professional/Technical Plan.

Associate in Applied Science Degree

WORKFORCE EDUCATION PROGRAM REQUIREMENTS

Big Bend Community College

Name: SID:

PUBLIC SPEAKING

INTERPERSONAL COMMUNICATIONS

HUMAN COMMUNICATIONS

COMMUNICATIONS IN ELITE INSTRUCTION

AF 225

ENGLISH 109

ENGLISH 110

BUS 121

WRITTEN COMMUNICATIONS REQUIREMENTS: 3.5 credits in written communication courses as stated in the approved Professional/Technical Program.

MATH 147

MATH 148

MATH 149

MAP 119

MAP 120

MAP 117

MAP 107

MAP 106

MAP 102

MET 100

MATHEMATICS REQUIREMENTS: 3.5 credits in Mathematics courses as stated in approved Professional/Technical Program.

Credit Requirement: Completion of the total credit requirements of the approved Professional/Technical Program Plan.

Definitions:

Associate in Applied Science Degree

Workforce Education Program Requirements

Big Bend Community College