**Cypress College Aviation & Travel Careers**

###### Aviation Certificates I-IV & Commercial Pilot Degree Requirements

Goals and Objectives of the Program:

The Commercial Pilot Program provides students with a career path for attaining the foundational knowledge, technical ground school training, and degree necessary for pursuing a career as a commercial pilot, Students completing the degree will develop an advanced understanding of the requirements necessary to work as a pilot in the aviation industry.

Career Path:

 Aviation Certificate I – Private Pilot = 17–18 units

 Aviation Certificate II – Instrument Pilot = 24–26 units

 Aviation Certificate III – Commercial Pilo**t** = 31–34 units

 Aviation Certificate IV – Advanced Pilot = 35 units

 Associate in Science Degree – Commercial Pilot= 60 units (Aviation Certificate IV + General Education)

To earn the certificates, complete the required courses as listed with a minimum grade of "C." At least 50% of all course work must be completed at Cypress College. The certificates offer students a career ladder from which they may experience incremental success as they progress to an Associate in Science Degree – Commercial Pilot. To earn the Associate in Science Degree, complete the Advanced Pilot Certificate IV identified below and the General Education Graduation Requirements outlined in the Cypress College Catalog.

Aviation Certificate I – Private Pilot = 17–18 units *(Courses are 3 units except as noted. F=Fall S=Spring Su=Summer)*

Core Course Requirements:(6 courses)

\_\_\_\_\_\_ATC 102 Career Communication/Portfolio (F, S, Su)

\_\_\_\_\_\_ATC 104 Air Transportation (not currently offered)

\_\_\_\_\_\_ *or* ATC 270 Airline Operations (F, S)

\_\_\_\_\_\_ATC 132 Private Pilot (F, S) 4-units

\_\_\_\_\_\_ATC 140 Meteorology (F)

\_\_\_\_\_\_ATC 144 Aircraft & Engines (F)

\_\_\_\_\_\_ATC 196 Flight Simulator Private Pilot (F, S) 1-unit

\_\_\_\_\_\_ *or* ATC 190 Flight Training-Private Pilot (FAA verification) 2-units

Aviation Certificate II – Instrument Pilot = 24–26 total units

Core Course Requirements: (AviationCertificate I plus 3 courses)

\_\_\_\_\_\_ATC 136 Air Navigation (S)

\_\_\_\_\_\_ATC 197 Flight Simulator Instrument (F, S) 1-unit

\_\_\_\_\_\_ o*r* ATC 194 Flight Training–Instrument Rating (FAA verification) 2-units

\_\_\_\_\_\_ATC 232 Instrument Rating (S)

Aviation Certificate III – Commercial Pilo**t** = 31–34 units

Core Course Requirements: (AviationCertificate II plus 3 courses)

\_\_\_\_\_\_ATC 198 Flight Simulator Commercial (F, S) 1-unit

\_\_\_\_\_\_ o*r* ATC 195 Flight Training–Commercial Pilot (FAA verification) 2-units

\_\_\_\_\_\_ATC 240 Commercial Pilot Seminar (S)

\_\_\_\_\_\_ATC 256 Crew Resource Management (F)

Aviation Certificate IV – Advanced Pilot = 31-35 units

Elective Course Requirements: (AviationCertificate III plus any 1-4 elective units from the list below for a total of 35 units)

\_\_\_\_\_\_ATC 189 Flight Training Device - Intro (varies) 0.5

\_\_\_\_\_\_ATC 190 Flight Training-Private Pilot (F, S) 2

\_\_\_\_\_\_ATC 193 Flight Training Flight Instructor (F, S) 1 - 5

\_\_\_\_\_\_ATC 194 Flight Training Instrument Rating (F, S) 2

\_\_\_\_\_\_ATC 195 Flight Training Commercial Pilot (F, S) 2

\_\_\_\_\_\_ATC 196 Flight Simulator Private Pilot (F, S) 1

\_\_\_\_\_\_ATC 197 Flight Simulator Instrument (F, S) 1

\_\_\_\_\_\_ATC 198 Flight Simulator Commercial (F, S) 1

\_\_\_\_\_\_ATC 199 Flight Simulator Instructor\* (F, S) 1

\_\_\_\_\_\_ATC 212 Airline/Aviation Management (S) 3

\_\_\_\_\_\_ATC 244 Aviation Instructor (varies) 3

\_\_\_\_\_\_ATC 250 Turbine Simulator Observation (S) 0.5

\_\_\_\_\_\_ATC 295 Aviation/Travel Internship (F, S) 3

\_\_\_\_\_\_ATC 298 Aviation/Travel Seminar (not currently offered) 0.5 - 12

\_\_\_\_\_\_ATC 299 Independent Study (F, S) 0.5 - 2

\_\_\_\_\_\_\_35 **Total Units Required for Aviation Certificate IV**

Associate in Science Degree: Commercial Pilot (Aviation Certificate IV + General Education)

Combine the above Advanced Pilot Certificate IV with the general education requirements outlined in the Cypress College Catalog.

**Key Tips:** You may opt to “**dual major”** by applying some of these courses to other ATC Degree/Certificate Programs. Remember to apply for certificates/degrees/graduation at the **beginning** of your last semester.

***Effective: Fall 2017***

Student Educational Planner (Sample)
**Aviation Certificate I – V Certificates
Certificate I / Certificate II / Certificate III / Certificate IV**

|  |  |  |
| --- | --- | --- |
| ►**Fall 20**\_\_­\_ | **►Spring 20**\_\_­\_ | **►Summer 20**\_\_\_ |
| **Course** | **Units** | **Course** | **Units** | **Course** | **Units** |
| **ATC 102** | 3 | **ATC 240** | 3 |  |  |
| **ATC 132** | 4 | **ATC 136** | 3 |  |  |
| **ATC 144** | 3 | **ATC 232** | 3 |  |  |
| **ATC 140** | 3 | **ATC 197** | 2 |  |  |
| **ATC 196** | 2 |  |  |  |  |
|  |  |  |  |  |  |
| **Total** | **15** | **Total** | **11** | **Total** |  |

|  |  |  |
| --- | --- | --- |
| **►Fall 20**\_\_­\_ | **►Spring 20**\_\_­\_ | **►Summer 20**\_\_\_ |
| **Course** | **Units** | **Course** | **Units** | **Course** | **Units** |
| **ATC 256** | 3 |  |  |  |  |
| **ATC 198** | 1 |  |  |  |  |
| **ATC 270** | 3 |  |  |  |  |
| **ATC 299** | 2 |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total** | **9** | **Total** |  | **Total** |  |

|  |  |  |
| --- | --- | --- |
| **►Fall 20**\_\_­\_ | **►Spring 20**\_\_­\_ | **►Summer 20**\_\_\_ |
| **Course** | **Units** | **Course** | **Units** | **Course** | **Units** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total** |  | **Total** |  | **Total** |  |

Please note: This student education plan (SEP) is offered as a suggestion only. Students may modify it by taking more or fewer classes as needed. Students wishing to exceed 18 units per semester will need to meet with a counselor.  Students wishing to complete an AS Degree and/or transfer should meet with a counselor to modify their course plan to include general education courses.

**Dual Majors:** You may opt to “dual major” by applying some of these courses to other degrees and certificates in the Aviation & Travel Careers Program. Remember to apply for certificates/degrees/graduation at the **beginning** of your last semester.