

# Associates of Applied Science in Aviation Technology Fixed- Wing Program

Information and Application Packet  
12/01/2016



**Western Colorado Community College**

**A Division of Colorado Mesa University**

2508 Blichmann Avenue, Grand Junction, CO

970-255-2600

[www.coloradomesa.edu /wccc](http://www.coloradomesa.edu/wccc)





Dear Student:

Thank you for your interest in the Associates of Applied Science Aviation Technology Fixed-Wing Program. Western Colorado Community College is partnering with Colorado Flight Center to provide this exciting degree program in aviation.

The two-year program includes traditional classes as well as ground and flight training. Students will graduate with a minimum of 230 flight hours and will have earned FAA Certification as a Private Pilot, Commercial Pilot with an Instrument Rating, and a Certified Flight Instructor. In addition, all graduates will have completed an Associate of Applied Science Degree in Aviation Technology. Classes will be held on the WCCC campus and at Colorado Flight Center, Inc., located at the Grand Junction Regional Airport.

The program has been approved for federal financial aid and most of the classes are eligible for funding through the **GI Bill**<sup>®</sup>. Program costs are based on the minimum number of flight hours required to complete each phase of training for Private Pilot, Instrument, Commercial Pilot and Certified Flight Instructor. If you need additional flight hours to complete any phase of training you will incur additional costs in excess of the stated minimum program costs. VA benefits cannot be used to obtain your initial FAA Certification as a Private Pilot but will cover the cost of the minimum required flight hours listed for the Instrument Rating, Commercial Pilot Certificate and Certified Flight Instructor Certificate. There are additional expenses for the student beyond college tuition and fees to cover the costs of in-flight training. Program costs do not include room and board expenses.

There has never been a better time to start your journey to become a professional pilot. The career opportunities for those who become professional pilots is expanding every day. According to the U.S. Department of Labor Bureau of Labor Statistics, employment of airline pilots, copilots and flight engineers is projected to grow 5 percent between 2014 and 2024. The growth in employment of commercial pilots is projected at 10 percent during the same period.

If you need additional assistance, please contact Dan Ashton at 970-255-2683, email at [dashton@coloradomesa.edu](mailto:dashton@coloradomesa.edu) or call WCCC Student Services at 970-255-2670.

Daniel M Ashton  
Aviation Program Director  
Western Colorado Community College  
Grand Junction, CO 81501

## About the Associates of Applied Science in Aviation Technology Fixed-Wing Program

Western Colorado Community College is partnering with Colorado Flight Center to offer an Applied Science Degree in Aviation Technology Fixed-Wing Program. The process of becoming a fixed-wing pilot is very well defined by FAA regulations that lay out the training hours needed and the topics to be covered. Students will work with a Certified Flight Instructor who will teach one-on-one what students need to know to become a safe and skilled pilot. Some of this teaching will be classroom-type ("ground") instruction, the rest will be in the air. To learn more about the program, review the WCCC program sheet at <http://www.coloradomesa.edu/wccc/programs/aviation.html> or at the Colorado Flight Center website [www.coloradoflightcenter.com](http://www.coloradoflightcenter.com).

### Initial Program Requirements

1. You must be a U.S. citizen and provide two forms of photo identification to include a driver license, passport and/or birth certificate
2. Complete a flight physical with an FAA-designated Aviation Medical Examiner. (Recommend a second class medical certificate minimum). The FAA MedXPress system allows anyone requesting an FAA Medical Clearance or Medical Certificate to electronically complete an application. Information entered into MedXPress is available to your FAA-designated Aviation Medical Examiner (AME) for review at the time of your medical examination. To complete the FAA MedXPress Form 8500-8, go to <http://www.faa.gov/pilots/medical> and click on the FAA MedXPress link under Medical Certification. To help locate a qualified doctor please go to <http://ame.cami.jccbi.gov> for a listing by city and state.
3. Complete a Student Pilot Application and background check before the start of the flight training. Contact Gary Chrisco or Jen Davis at [www.coloradoflightcenter.com](http://www.coloradoflightcenter.com) or call Colorado Flight Service at 970-254-0444.

### Application Process and Program Admission Procedures

1. Apply to Western Colorado Community College online at <http://www.coloradomesa.edu/wccc/student-services/apply.html> declaring the Aviation Technology Fixed-Wing Program as the area of emphasis. There is no fee to apply. Placement into college level English, math, and reading courses is determined by standardized test scores or the ACCUPLACER Assessment. The ACCUPLACER score(s) are used to guide you in English, reading and/or math course selection. If your ACT or SAT scores are at or above the following, you are exempt from taking the ACCUPLACER test.  
ACT: Math-19, English-18, Reading-17  
SAT: Math-460, Verbal-430  
New SAT: (taken after March 2016) Math-500, Reading and Writing-470  
GED: Mathematics-170, Reasoning Language Arts-170, Social Studies-170  
If you are **not** exempt, the ACCUPLACER assessment must be completed prior to registration. **Before you can be admitted into the flight program all reading and English Developmental Education requirements must be completed.** Contact the Testing Center for assistance at 970-248-1260 or <http://www.coloradomesa.edu/testing/first-semester-assessments.html>.

2. Schedule a program advising appointment with Dan Ashton, Aviation Program Director, Western Colorado Community College. Please call 970-255-2683 or WCCC Student Services at 970-255-2670 or email [dashton@coloradomesa.edu](mailto:dashton@coloradomesa.edu).
3. Meet with CMU Financial Aid to plan for funding requirements for the program. Call 970-248-1396 to schedule an appointment. Use the Financial Aid Process information sheet included in the packet for the steps required to complete your financial aid package.
4. **GI Bill® eligible students only**, contact the CMU VA School Certifying Official when applying for the program and using your VA benefits. Call 970-248-1739 to schedule an appointment. The program costs listed below by semester are the minimum cost to complete each semester of training. Any additional required flight training costs are the responsibility of the veteran and are not covered by the VA. VA benefits cannot be used to obtain your initial FAA Certification as a Private Pilot but will cover the cost of the minimum required flight hours listed for the Instrument Rating, Commercial Pilot Certificate and Certified Flight Instructor Certificate
5. Once admitted to the program, sign-up to attend an Orientation Session where students will be registered for college classes.

### **College Tuition and Fees Plus Flight Training Costs**

1. Western Colorado Community College/Colorado Mesa University tuition and fee rates: <http://www.coloradomesa.edu/student-accounts/expenses.html> **Please note different undergraduate tuition rates apply depending on whether you are considered an in-state student, out-of-state student or a Western Undergraduate Exchange (WUE) or Mountain and Plains (MP) student.** Use the above link for details.
2. The minimum cost for completing FAA Private Pilot, Commercial Pilot, Instrument Rating and Certified Flight Instructor Certificates are presented below. **Minimum program costs do not include room and board.**
3. Average cost for each of the four semesters is estimated to be approximately \$19,650. **The Aviation Flight Program requires students to have all tuition and related course fees (including the minimum flight hours) paid to the University before classes begin each semester. If at any time during the semester it is determined that there are inadequate funds paid to the University to complete flight training for the semester the student must provide the required additional funds. These additional funds must be paid to the University before flight training can continue.**
4. College tuition and fees plus flight training costs are subject to change on an annual basis only.
5. **To find aviation scholarships to help pay for the program, please go to the following FAA website for a list of aviation scholarships you may be eligible to apply for.** [http://www.faa.gov/education/grants\\_and\\_scholarships/aviation/](http://www.faa.gov/education/grants_and_scholarships/aviation/)

**Fall, Semester 1, WCCC **Minimum** Cost Private Pilot Certificate  
(as of 12/01/2016)**

	Cost per Hour	Minimum Hours	Total Cost
Dual C-172 (2:1)	\$276.00	32.5	\$8,970.00
Solo C-172 (1:1)	\$216.00	15	\$3,240.00
GND Briefing	\$60.00	10	\$600.00
RB-TD2 Sim	\$60.00	3	\$180.00
FAA Check Ride		1.5	\$784.00
Knowledge Exam			\$150.00
TSA Airport Badge			\$35.00
Computer Based Instruction Private Pilot			\$375.00
Subtotal Program Course Fees			\$14,334.00
*Tuition and Fees (Colorado resident after COF)	\$279.83	16 Credit Hours	\$4,477.28
**Textbooks			\$300.00
		<b>Total</b>	<b>\$19,111.28</b>

**\*If you are considered to be an out-of-state or a WUE/MP student different tuition rates apply.**

**\*\*Textbooks are part of the costs for each semester but are not prepaid to the University. Students will be required to purchase all textbooks out of their individual funds.**

### Spring, Semester 2, WCCC Minimum Cost Instrument Rating

	Cost per Hour	Minimum Hours	Total Cost
Dual C-172 (2:1)	\$276.00	35.5	\$9,798.00
RB-TD2 Sim	\$60.00	3.5	\$210.00
GND Briefing	\$60.00	10	\$600.00
FAA Check Ride		1.5	\$784.00
Knowledge Exam			\$150.00
Computer Based Instruction Instrument			\$375.00
Subtotal Program Course Fees			\$11,917.00
*Tuition and Fees (Colorado resident after COF)	\$279.83	17 Credit Hours	\$4,757.11
**Textbooks			\$300.00
		<b>Total</b>	<b>\$16,974.11</b>

**\*If you are considered to be an out-of-state or a WUE/MP student different tuition rates apply.**

**\*\*Textbooks are part of the costs for each semester but are not prepaid to the University. Students will be required to purchase all textbooks out of their individual funds.**

**Fall, Semester 3, WCCC **Minimum** Cost Commercial Pilot Certificate (60% complete)**

	Cost per Hour	Minimum Hours	Total Cost
Dual C-172 1:1	\$216.00	38	\$8,208.00
Dual C-172RG 1:1	\$227.00	6	\$1,362.00
Solo C-172	\$156.00	36	\$5,616.00
GND Briefing	\$60.00	6	\$360.00
Knowledge Exam			\$150.00
Computer Based Instruction Commercial			\$375.00
Subtotal Program Course Fees			\$16,071.00
*Tuition and Fees (Colorado resident after COF)	\$279.83	17 Credit Hours	\$4,757.11
**Textbooks			\$350.00
		<b>Total</b>	<b>\$21,178.11</b>

**\*If you are considered to be an out-of-state or a WUE/MP student different tuition rates apply.**

**\*Textbooks are part of the costs for each semester but are not prepaid to the University. Students will be required to purchase all textbooks out of their individual funds.**

**Spring, Semester 4, WCCC **Minimum** Cost Commercial Pilot Certificate (40%)**

	Cost per Hour	Minimum Hours	Total Cost
Dual C-172 1:1	\$216.00	24.5	\$5,292.00
Dual C-172RG 1:1	\$227.00	4	\$908.00
Solo C-172	\$156.00	22	\$3,432.00
GND Briefing	\$60.00	4	\$240.00
FAA Check Ride Commercial		1.5	\$800.00

**Average Cost Flight Instructor Rating**

	Cost per Hour	Minimum Hours	Total Cost
Dual C-172	\$287.00	10.5	\$3,013.50
FAA Check Ride		1.5	\$1,000.00
Knowledge Exam			\$300.00
Subtotal Program Course Fees			\$14,985.50
*Tuition and Fees (Colorado resident after COF)	\$279.83	16 Credit Hours	\$4,477.28
**Textbooks			\$300.00
		<b>Total</b>	<b>\$19,762.78</b>

**\*If you are considered to be an out-of-state or a WUE/MP student different tuition rates apply.**

**\*\*Textbooks are part of the costs for each semester but are not prepaid to the University. Students will be required to purchase all textbooks out of their individual funds.**

<b>Total Flight</b>	<b>\$57,307.50</b>
<b>Tuition, Fees and Books (Colorado resident after COF)</b>	<b>\$19,718.78</b>
<b>Estimated Equipment and Supplies (onetime expenses not included in semester est. costs)</b>	<b>\$1,500.00</b>
<b>Total <b>Minimum</b> Program Cost</b>	<b><u>\$78,526.28</u></b>



## Proposed Course Schedule

**Total 66 Credit Hours**

### Freshman Year

#### Fall Semester

AVTN 101 Private Pilot Ground	4cr
AVTN 102 Private Pilot Flight	4cr
MATH 108 Technical Math	4cr
GEOL 103 WX & Climate	3cr
KINE 100 Health & Welfare	<u>1cr</u>

**Total 16**

#### Spring Semester

AVTN 111 Instrument Ground	4cr
AVTN 112 Instrument Flight	4cr
AVTN 105 Aviation Meteorology	4cr
AVTN 140 Aircraft Systems	4cr
AVTN 206 Crew Resource Mgt.	<u>1cr</u>

**Total 17**

### Sophomore Year

#### Fall Semester

AVTN 201 Commercial Pilot Ground	2cr
AVTN 202 Commercial Pilot Flight	4cr
AVTN 218 ATC Procedures	4cr
ENGL 111 English Composition	3cr
PSYC 150 Psychology	3cr
KINE Activity Course	<u>1cr</u>

**Total 17**

#### Spring Semester (Track 1)

AVTN 203 Commercial Pilot Flight	3cr
AVTN 205 Mountain Flying Ground	1cr
AVTN 211 Fundamentals of Inst.	2cr
AVTN 212 Flight Inst. Ground	2cr
AVTN 213 Flight Inst. Flight	1cr
AVTN 296 Special Topics (Safety)	2cr
AVTN 296 Special Topics (Phys.)	2cr
SPCH 101 Interpersonal Comm.	<u>3cr</u>

**Total 16**

#### Possible Spring Semester (Track 2)

Replace AVTN 211, 212, 213 with:

AVTN 207 Multi Engine Ground	1cr
AVTN 208 Multi Engine Flight	1cr
Elective	<u>3cr</u>

**Total 16**

# Financial Aid Process

## Step 1: Create Federal Student Aid ID (FSA ID) and Complete FAFSA

Create FSA ID:

- To get an FSA ID go to <https://fsaid.ed.gov/>
- Student needs a FSA ID and Parent needs a FSA ID (if student is considered a dependent)
- FSA ID is needed in order to complete a FAFSA Application
- FSA ID will be needed every year you apply for financial aid and to complete Master Promissory Notes and Counseling

Complete FAFSA:

- To complete FAFSA go to <https://fafsa.ed.gov/>
- Login using Student FSA ID username and password
- Must list Colorado Mesa University using school code in order for us to receive your information. **Our school code is 001358**

## Step 2: Complete Verification if needed

- Login to your MAVzone account by going to; <https://coloradomesa.edu/mavzone/login>
- Click the "Student Finance" tab
- Red flags indicate missing material
- Click on the item and follow instructions to complete

## Step 3: Accept Terms and Conditions, Accept Aid

- Login to your MAVzone account by going to; <https://coloradomesa.edu/mavzone/login>
- Click the "Student Finance" tab
- On the right, look for "Financial Aid On-line" box
- Go to Review Your Financial Aid Offer Links
  - Click "Review your award offer" to see the awards being offered to you
  - Click "Accept Terms and Conditions" to read and accept
  - Click "Accept Award" to accept full or partial offer

## Step 4: Student Complete Master Promissory Note and Direct Loan Entrance

### Counseling

- Go to <https://studentloans.gov/> to complete Master Promissory Note and Direct Loan Entrance Counseling
- Login using Student FSA ID

### Step 5: Complete Federal Direct PLUS (Parent) Authorization Form

- Form can be found at <https://coloradomesa.edu/financial-aid/forms/>
- Complete form and turn it in to the Financial Aid Office
  - Processing takes up to 3 business days

### Step 6: Parent Complete a Master Promissory Note (for PLUS loan)

- Go to <https://studentloans.gov/>
- Login using Parent FSA ID

### Step 7: Apply for Private Loans

- Available for students who are not eligible for federal loans or for those who need assistance beyond their federal financial eligibility
- Arrange for cosigner if needed
- Go to <https://elmselect.com/> for more information on Private Loans
- Proceeds from private loans will not disburse until at least 6 days after loan is approved

If you have any questions or concerns, please contact Colorado Mesa University  
Office of Financial Aid at 970.248.1396

The process will take at least 6-8 weeks from application for aid until aid is  
disbursed.