

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

Information and Application Packet



**Colorado Mesa University Tech**

2508 Blichmann Avenue, Grand Junction, CO

970-255-2683

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





Dear Student:

Thank you for your interest in the Associates of Applied Science Aviation Technology Fixed-Wing Program.

The two-year Associate of Applied Science degree includes FAA certification as a Private Pilot, Commercial Pilot with an Instrument Rating, Certificated Flight Instructor, or Multi-Engine Rating. This program blends traditional classroom instruction with ground and flight training held at the CMU Tech campus, Colorado Mesa University campus, and the Grand Junction Regional Airport.

The program is approved for federal financial aid, and all of the classes are eligible for funding through the **GI Bill**<sup>®</sup>. Program costs are based on the flight hours required to complete each phase of training for Private Pilot, Instrument Rating, Commercial Pilot, Certificated Flight Instructor, and Multi-Engine Rating. If you need additional flight hours to complete any phase of training, you will incur additional costs in excess of the stated estimated program costs found on page five. Additional expenses for the student beyond college tuition and fees include textbooks, flight gear, additional flight hours, pilot supplies, and college room and board.

The career opportunities for professional pilots are expanding every day. According to the U.S. Department of Labor Bureau of Labor Statistics, employment of airline pilots, is projected to grow ten percent between 2019 and 2029. The growth in employment of commercial pilots is projected at 10 percent during the same period. There has never been a better time to start your journey to become a professional pilot.

If you need additional assistance, please contact CMU Tech Student Services at 970-255-2670 or the Program Director at 970-255-2683

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

CMU Tech is pleased to offer an Associate of Applied Science Degree in Aviation Technology Fixed-Wing Program. The process of becoming a fixed-wing pilot is defined by FAA regulations that lay out the flight training hours needed and the aeronautical knowledge topics to be covered. Students will work with a Certified Flight Instructor who will teach one-on-one skills students need to know to become a safe and skilled professional pilot. Some of this teaching will be classroom-type ground instruction; the rest will be in the air. To learn more about the program, please click on the link.

<https://www.coloradomesa.edu/tech/programs/aviation.html>

### Application Process

1. Apply to Colorado Mesa University Tech online and select 'Pre-Aviation' as the area of emphasis. There is no fee to apply.
2. Upon acceptance into CMU Tech schedule an advising appointment with the Aviation Program Director, 970-255-2683 ([mgraham2@coloradomesa.edu](mailto:mgraham2@coloradomesa.edu)) and Student Services, 970-255-2670.
3. Complete a flight physical with an FAA-designated Aviation Medical Examiner (AME). (We recommend a 1st class medical certificate, but 2nd or 3rd class will work). The FAA MedXPress system allows anyone requesting an FAA Medical Clearance or Medical Certificate to complete an application electronically. Information entered into MedXPress is available to your FAA-designated AME to 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 AME please go to <https://www.faa.gov/pilots/amelocator/> for a listing by city and state. The cost of the medical exam will vary and will not be covered by insurance.
4. Submit the AVTN Application with required documents using your CMU email address. Include:
  - a. PDF of completed Aviation Technology New Student Application form.
  - b. PDF copy of valid FAA medical certificate.
  - c. PDF of short essay responses.
  - d. PDF copies of required identification documents
    - i. Valid U.S. passport  
-- OR --
    - ii. Valid Driver License and Birth Certificate
    - iii. Non-US citizens should submit valid photo ID and valid passport.
      1. Once accepted into the program the Transportation Security Administration (TSA) will require further documentation and background check for all non-U.S. citizens, through the TSA's Alien Flight Student Program (AFSP) vetting process. Students who are not cleared by the TSA will be dismissed from the program. Students will be responsible for additional costs associated with AFSP.
5. Applications will open Nov 1st for the next Fall Semester and are due January 31st.

## Program Admission Procedures

1. **You will receive an email confirming that your application is complete, via your CMU email address.**
2. **Applicants will be informed of decisions no later than February 15th.**
3. **Applicants who are accepted into the program will be required to communicate their acceptance. Failure to do so will result in removal from the program.**

## College Tuition and Fees Plus Flight Training Costs

1. Colorado Mesa University and CMU TEch 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. Meet with CMU Tech Student Services (IRIS) to plan for program funding requirements. Call Student Services 970-255-2670 to schedule an appointment. Please ask about the University Payment Plan and Paying with Financial Aid option.
3. 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 required cost to complete each semester of training. Any additional needed flight training costs are the responsibility of the veteran and are not covered by the VA.
4. Estimated program costs, found on page 5, do not include room and board.
5. Average cost for each of the four semesters is considerably higher than other programs at CMU and CMU Tech. Financial pre-planning is imperative for success in this program. **If at any time during the semester it is determined that there are inadequate funds paid to the university to begin or 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.**
6. College tuition and fees, plus flight training costs, are subject to change on an annual basis.
7. To find aviation scholarships to help pay for the program, please go to the following FAA website for a list of aviation scholarships for which you may be eligible to apply: [http://www.faa.gov/education/grants\\_and\\_scholarships/aviation/](http://www.faa.gov/education/grants_and_scholarships/aviation/)

## Aviation Program Costs 24-25

Semester 1 - Private Pilot Certificate			
Requirement	Cost per Hour	Required Hours*	Total Cost*
FAA curriculum, Foreflight, Student Kit			400.00
FAA Knowledge Exam			175.00
TSA Airport Badge			35.00
<b>AVTN 101: Private Pilot Ground</b>			<b>610.00</b>
Dual Aircraft	215.00	45.0	9,675.00
Solo Aircraft	163.00	10.0	1,630.00
Ground Briefing	52.00	30.0	1,560.00
TD2 Simulator	75.00	2.0	150.00
FAA Check Ride Flight	163.00	1.5	245.00
FAA Check Ride Examiner Fee			900.00
<b>AVTN 102: Private Pilot Flight</b>			<b>14,160.00</b>
Tuition and Fees (Credit Hours) **	346.85	16.0	5,549.60
Textbooks and Other Course Materials ***			1,300.00
<b>Semester Total</b>			<b>21,619.60</b>

Semester 2 - Instrument Rating			
Requirement	Cost per Hour	Required Hours*	Total Cost*
FAA Curriculum, Foreflight Subscription			195.00
FAA Knowledge Exam			175.00
<b>AVTN 111: Instrument Ground</b>			<b>370.00</b>
Dual Aircraft	215.00	45.0	9,675.00
Ground Briefing	52.00	30.0	1,560.00
TD2 Simulator	75.00	5.0	375.00
FAA Check Ride Flight	163.00	2.0	326.00
FAA Check Ride Examiner Fee			900.00
<b>AVTN 112: Instrument Flight</b>			<b>12,836.00</b>
Tuition and Fees (Credit Hours) **	346.85	17.0	5,896.45
Textbooks and Other Course Materials ***			300.00
<b>Semester Total</b>			<b>19,402.45</b>

Semester 3 - Commercial Pilot Certificate (60%)			
Requirement	Cost per Hour	Required Hours*	Total Cost*
FAA Curriculum, Foreflight Subscription			210.00
FAA Knowledge Exam			175.00
<b>AVTN 201: Commercial Pilot Ground</b>			<b>385.00</b>
Dual Aircraft	215.00	40.0	8,600.00
Solo Aircraft	163.00	20.0	3,260.00
Ground Briefing	52.00	15.0	780.00
<b>AVTN 202: Commercial Pilot Flight I</b>			<b>12,640.00</b>
Tuition and Fees (Credit Hours) **	346.85	17.0	5,896.45
Textbooks and Other Course Materials ***			300.00
<b>Semester Total</b>			<b>19,221.45</b>

Semester 4 - Commercial Pilot Certificate (40%)			
Requirement	Cost per Hour	Required Hours*	Total Cost*
Foreflight Subscription			80.00
Dual Aircraft	215.00	45.0	9,675.00
Solo Aircraft	163.00	15.0	3,225.00
Ground Briefing	52.00	20.0	1,040.00
FAA Check Ride Flight	163.00	1.5	245.00
FAA Check Ride Examiner Fee			900.00
<b>AVTN 203: Commercial Pilot Flight II</b>			<b>14,385.00</b>

Semester 4 (cont) - OPT: Flight Instructor Rating			
FAA Knowledge Exams and FAA Curriculum			460.00
<b>AVTN 212: Flight Instructor Ground</b>			<b>460.00</b>
Dual Aircraft	215.00	7.0	1,505.00
Dual Aircraft (TAA)	215.00	7.0	1,505.00
Ground Briefing	52.00	10.0	520.00
Flight Instructor Spin Training			500.00
FAA Check Ride Flight	163.00	1.5	245.00
FAA Check Ride Examiner Fee			1,400.00
<b>AVTN 213: Flight Instructor Flight</b>			<b>5,675.00</b>
Tuition and Fees (Credit Hours) **	346.85	16.0	5,549.60
Textbooks and Other Course Materials ***			300.00
<b>Semester Total</b>			<b>26,289.60</b>

Semester 4 (cont) - OPT: Multi-Engine Rating			
Ground Training			900.00
<b>AVTN 207: Multi-Engine Ground</b>			<b>900.00</b>
Dual ME	425.00	12.0	5,100.00
FAA Check Ride Flight	350.00	1.5	525.00
FAA Check Ride Examiner Fee			800.00
<b>AVTN 208: Multi-Engine Flight</b>			<b>6,625.00</b>
Tuition and Fees (Credit Hours) **	346.85	16.0	5,549.60
Textbooks and Other Course Materials ***			300.00
<b>Semester Total</b>			<b>27,759.60</b>

Estimate of Total Program Costs	
Ground Instruction, including FAA exam fees	1,825.00
Flight Instruction, including check rides and FAA examiner fee	59,696.00
Tuition and Fees **	22,892.10
Estimated Books and Course Materials ***	2,200.00
<b>TOTAL</b>	<b>86,613.10</b>

\* This is curriculum-required flight hours for all students. If hours exceed those indicated here, the student is responsible for additional costs.

\*\* The provided tuition rates are based on in-state tuition and fees for COF-eligible Colorado residents. Higher rates apply for non-COF-eligible students.

\*\*\* The provided costs for textbooks and course materials are estimates only. Textbooks and course materials are not included and must be purchased by students.

## **Additional Information**

All flight fees listed in the previous tables are accurate at the time of publication and are subject to change. The flight fees represented are based on completion of training within the program required flight hours. It is not uncommon for individual students to require more than the minimum required flight hours. Many factors could influence a student's ability to complete training within the flight hours shown. These factors include: individual learning aptitude, physical motor skill development, individual motivation, study and preparation habits, proper rest, health and fitness, and class attendance.

In the event additional flight hours for training are required, it will be the student's responsibility to provide the additional funds in order to complete their training. In the case of a student who is not showing reasonable progression in flight training, the Program Director, Chief Flight Instructor and the student's Flight Instructor will be pro-active in providing an open discussion about their progression and the projection of additional costs.

Flight Course funds that are not used will remain in the student's flight account until the student has graduated or withdrawn from the program. Upon graduation or withdrawal unused flight course fees are reimbursable up to 50% of the unused funds. Any excess VA funding will be returned to the VA. Any additional funds added to a student's flight account, that are not used upon graduation or withdrawal, are 100% reimbursable, after graduation or withdrawal. Students will have 6 months from graduation or withdrawal to request refunds. After 6 months, funds will be forfeit.

The first semester textbooks and other course materials estimated amount includes a one-time cost for flight gear used throughout the program. This includes a headset and iPad. Headset prices vary, for your first headset it is suggested you find a quality headset at an affordable price. There are many other providers, do some research, a few links are provided below. A top dollar headset is not needed for training. The iPad mini is the best size for what you need, however a normal sized iPad will work. Android tablets are not compatible with the software we use.

[https://www.koreheadset.com/?sca\\_ref=5673582.BaSeFtZY7H](https://www.koreheadset.com/?sca_ref=5673582.BaSeFtZY7H)

<https://www.davidclarkcompany.com/aviation/index.php>

**Proposed Course Schedule****Total 66 Credit Hours****Freshman Year****First Semester**

AVTN 101 Private Pilot Ground School	4
AVTN 102 Private Pilot Flight	4
MATH 108 Technical Math	4
GEOL 103 Weather and Climate	3
KINA 100 Health and Wellness	1
<b>Total</b>	<b>16</b>

**Second Semester**

AVTN 111 Instrument Pilot Ground School	4
AVTN 112 Instrument Pilot Flight	4
AVTN 105 Aviation Meteorology	4
AVTN 140 Aircraft Systems	4
AVTN 206 Crew Resource Management	1
<b>Total</b>	<b>17</b>

**Sophomore Year****Third Semester**

AVTN 201 Commercial Pilot Ground School	2
AVTN 202 Commercial Pilot Flight I	4
AVTN 218 ATC Procedures	4
ENGL 111 English Composition	3
PSYC 150 General Psychology	3
KINA Activity Course	1
<b>Total</b>	<b>17</b>

**Fourth Semester**

AVTN 203 Commercial Pilot Flight II	3
AVTN 205 Mountain Flying Ground School	1
AVTN 245 Aviation Safety	2
AVTN 247 Aviation Physiology	2
SPCH 101 Interpersonal Communication	3
- Either -	
AVTN 211 Fundamentals of Instruction	2
AVTN 212 Flight Instructor Ground School	2
AVTN 213 Flight Instructor Flight	1
- OR -	
AVTN 207 Multi-Engine Ground School	1
AVTN 208 Multi-Engine Flight	1
Elective – 3 Credit Hours	3
<b>Total</b>	<b>16</b>