



TECH

Associates of Applied Science in Aviation Technology Fixed- Wing Program

Information and Application Packet



Colorado Mesa University Tech

2508 Blichmann Avenue, Grand Junction, CO

970-255-2670

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, Certificated Flight Instructor - Instrument, and 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**[®]. 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, Certificated Flight Instructor - Instrument, 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, 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, copilots, and flight engineers 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.

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>

Initial Program Requirements

1. If you are a U.S. citizen, you must provide two forms of photo identification in the form of a passport or an original birth certificate and driver's license. For non-U.S. citizens, you must complete the TSA's Alien Flight Student Program (AFSP) vetting process.
2. Complete a flight physical with an FAA-designated Aviation Medical Examiner (AME). (We recommend a second-class medical certificate as a minimum). 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 doctor please go to <https://www.faa.gov/pilots/amelocator/> for a listing by city and state. This should be completed prior to the start of classes.
3. Complete a Student Pilot Application and background check. Both of these will be completed in class when you start Private Pilot ground training. They must be completed before you can start flight training in the aircraft.

Application Process and Program Admission Procedures

1. Apply to CMU Tech online, Aviation Technology Fixed-Wing Program as the area of emphasis. There is no fee to apply.
2. Full admittance to the Aviation program requires college-level readiness in English. Please see <https://www.coloradomesa.edu/testing/pre-orientation-testing/index.html> for minimum required test scores, or to schedule an Accuplacer test.
3. Students required to take developmental courses will remain declared in Pre-Aviation and unable to register in flight classes until those courses are completed.
4. Upon acceptance into CMU Tech, schedule an advising appointment with Student Services, 970-255-2670 or the Aviation Program Director, 970-255-2683.

5. Meet with CMU Financial Aid to plan for program funding requirements. Call 970-248-1349 to schedule an appointment with Carrie Acree. Use the Aviation Technology Fixed Wing Payment Options information sheets included at the end of the packet for the steps required to complete either the University Payment Plan and/or Paying with Financial Aid option.
6. **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.

College Tuition and Fees Plus Flight Training Costs

1. CMU Tech/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 estimated cost for completing FAA Private Pilot, Commercial Pilot, Instrument Rating, Flight Instructor Certificates, and Multi-Engine Rating are presented on page five. **Estimated program costs do not include room and board.**
3. Average cost for each of the four semesters is considerably higher than other programs at CMU Tech and CMU. 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.**
4. College tuition and fees, plus flight training costs, are subject to change on an annual basis.
5. 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/

Program Costs

Semester 1 - Private Pilot Certificate			
Requirement	Cost per Hour	Required Hours*	Total Cost*
Online Course Materials and Private Pilot Kit			440.00
FAA Knowledge Exam			165.00
TSA Airport Badge			35.00
AVTN 101: Private Pilot Ground			640.00
Dual C172	215.00	42.0	9,030.00
Solo C172	163.00	13.0	2,119.00
Ground Briefing	52.00	30.0	1,560.00
TD2 Simulator	75.00	5.0	375.00
FAA Check Ride Flight	163.00	1.5	244.50
FAA Check Ride Examiner Fee			725.00
AVTN 102: Private Pilot Flight			14,053.50
Tuition and Fees (Credit Hours) **	316.40	16.0	5,062.40
Textbooks and Other Course Materials ***			1,500.00
Semester Total			21,255.90

Semester 2 - Instrument Rating			
Requirement	Cost per Hour	Required Hours*	Total Cost*
Online Course Materials and Instrument Kit			485.00
FAA Knowledge Exam			165.00
AVTN 111: Instrument Ground			650.00
Dual C172	215.00	40.0	8,600.00
Ground Briefing	52.00	30.0	1,560.00
TD2 Simulator	75.00	7.0	525.00
FAA Check Ride Flight	163.00	2.0	326.00
FAA Check Ride Examiner Fee			725.00
AVTN 112: Instrument Flight			11,736.00
Tuition and Fees (Credit Hours) **	316.40	17.0	5,378.80
Textbooks and Other Course Materials ***			500.00
Semester Total			18,264.80

Semester 3 - Commercial Pilot Certificate (60%)			
Requirement	Cost per Hour	Required Hours*	Total Cost*
Online Course Materials			170.00
FAA Knowledge Exam			165.00
AVTN 201: Commercial Pilot Ground			335.00
Dual C172	215.00	13.0	2,795.00
Solo C172	163.00	40.0	6,520.00
Ground Briefing	52.00	15.0	780.00
AVTN 202: Commercial Pilot Flight I			10,095.00
Tuition and Fees (Credit Hours) **	316.40	17.0	5,378.80
Textbooks and Other Course Materials ***			300.00
Semester Total			16,108.80

Semester 4 - Commercial Pilot Certificate (40%)			
Requirement	Cost per Hour	Required Hours*	Total Cost*
Dual C172	215.00	27.0	5,805.00
Dual C172TA	215.00	15.0	3,225.00
Solo C172	163.00	25.0	4,075.00
Ground Briefing	52.00	20.0	1,040.00
FAA Check Ride Flight	163.00	1.5	244.50
FAA Check Ride Examiner Fee			725.00
AVTN 203: Commercial Pilot Flight II			15,114.50

Semester 4 (cont) - OPT: Flight Instructor Rating			
FAA Knowledge Exam			330.00
AVTN 212: Flight Instructor Ground			330.00
Dual C172	215.00	3.0	645.00
Dual C172TA	215.00	4.0	860.00
Ground Briefing	52.00	7.0	364.00
Flight Instructor Spin Training			500.00
FAA Check Ride Flight	163.00	1.5	244.50
FAA Check Ride Examiner Fee			1,200.00
AVTN 213: Flight Instructor Flight			3,813.50
Tuition and Fees (Credit Hours) **	316.40	16.0	5,062.40
Textbooks and Other Course Materials ***			300.00
Semester Total			24,620.40

Semester 4 (cont) - OPT: Multi-Engine Rating			
Ground Training			850.00
AVTN 207: Multi-Engine Ground			850.00
Dual ME	380.00	12.0	4,560.00
FAA Check Ride Flight	295.00	1.5	442.50
FAA Check Ride Examiner Fee			800.00
AVTN 208: Multi-Engine Flight			5,802.50
Tuition and Fees (Credit Hours) **	316.40	16.0	5,062.40
Textbooks and Other Course Materials ***			300.00
Semester Total			27,129.40

Estimate of Total Program Costs	
Ground Instruction, including FAA exam fees	1,955.00
Flight Instruction, including check rides and FAA examiner fee	54,812.50
Tuition and Fees **	20,882.40
Estimated Books and Course Materials ***	2,600.00
TOTAL	80,249.90

* 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 as at the time of publication. 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 Pilot and student's Flight Instructor will be pro-active in providing an open discussion about their progression and the projection of additional costs.

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.

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
Total	16

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
Total	17

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
Total	17

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
Total	16