

Aviation Maintenance Technology

West-MEC 2022-23



TWO-YEAR PROGRAM - 1930-hour program

- Develop a broad knowledge of aircraft systems and components through installation, overhauling, and testing
- Conduct inspections, engine operations, and critical maintenance procedures
- Troubleshoot, repair, and service aviation systems and components using FAA-approved procedures

PROGRAM REQUIREMENTS*

- Current Sophomore, Junior, and Senior students may apply
- One credit of English with a C or better
- One credit of Math with a C or better
- Students who do not meet program requirements may apply under a “Student Success Action Plan” through their high school counselor.
- Copy of unofficial transcript
- Proof of residency in West-MEC district boundaries
- Must be available for summer sessions (June for 8 hour days – see program calendar)
- All required course hours must be completed within each semester. Limited makeup hours available
- Must be available for summer sessions (June for 8 hour days – see program calendar)

*Program requirements are subject to change per industry age restrictions, certification requirements and administrative discretion.

Meeting application criteria does not guarantee enrollment.

COST REQUIREMENTS

Upon acceptance into the program:

- \$525.00 registration fee (\$125 is non-refundable)
 - Includes enrollment processing, FAA textbooks, leadership development, & uniform shirts
 - Other uniform/supply requirements are the responsibility of the student
 - A payment schedule will be provided at registration
- West-MEC provides two uniform shirts. (Other uniforms/supply requirements are the responsibility of the student.)
- Dress code is reviewed annually to meet professional industry standards. Dress code requirements will be addressed prior to the start of classes.
- After Early Graduation, Graduation, or GED completion, registration fee and tuition will apply*.

*Details regarding additional tuition costs are available [here](#)

INDUSTRY CERTIFICATION

TEST FEES PREPAID BY WEST-MEC

- This industry credential is required for employment in the field a majority of the time
 - Federal Aviation Administration(FAA)- General Written, Airframe Written, Powerplant Written
 - General & Airframe Oral and Practical, Powerplant Oral and Practical (TEST FEES REIMBURSED)
- This industry credential is relevant for employment in the field a majority of the time. is acknowledged by employers, candidates with this industry credential will signal to employers knowledge in the area but may not get priority in hiring over someone with industry experience
 - NC3 Snap-On Torque - Theory, Mechanical and Electrical
 - NC3 Snap-On Multimeter
 - NC3 Snap-On Precision Measurement Instruments

CAREER PATHWAYS

- Airframe technician, powerplant technician, air transportation technician, CTE teacher*; knowledge obtained in this program is transferable to a broad spectrum of careers
- Entry level salary range: \$18.74 - \$31.94 per hour**

*with additional education in this pathway | **Bureau of Labor Statistics, Occupational Employment & Wages

Program information may change as West-MEC strives to provide the best opportunities for students. Refer to www.west-mec.edu for most current information.

Program is taught by industry certified instructors. West-MEC does not discriminate on the basis of race, color, national origin, gender,

age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations.

Revised 9/8/2021



Aviation Maintenance Technology

LOCATION & HOURS

West-MEC Central Campus:

6997 N Glen Harbor Blvd
Glendale, AZ 85307
623.209.8070

Monday-Friday

1st Year: 1:00 PM - 5:35 PM
2nd Year: 1:00 PM - 5:35 PM

**NOTE: West-MEC & high school calendars may not align
(Transportation provided by the student/parent)**

Included are approximately 17 days each summer for 8 hours per day.

ENROLLMENT INFORMATION

- West-MEC programs are competitive.
- Students may only be enrolled in **one** West-MEC Central Program at a time.
- The order for filling seats by grade level is as follows:
 - Current sophomores
 - Current juniors*
 - Current seniors*
- Applications are ranked in part by attendance, GPA, discipline, and career choice (ECAP)
- Copy of birth certificate and immunizations due at time of registration
- Program hours are not excused for participation in extracurricular activities, athletics, or employment.
- West-MEC priority application submission date is in February. Contact your school counselors for your school's application deadline.
- West-MEC provides accommodations and modifications identified in the IEP/504 for high school students. Students who graduate from high school or have a GED will not be eligible for IEP services. Graduated students will need to self-advocate for reasonable accommodations which are aligned to industry certifications.

STUDENT SUCCESS INDICATORS

- History of good attendance and discipline, and on track for graduation
- Strong interest in chosen career pathway
- Completed or enrolled in Geometry preferred
- Manual dexterity and physical ability to use tools, equipment, and machinery
- Ability to get along with other students and cooperate with instructor
- Ability to work accurately/follow procedures to an industry-standard
- Strong technical reading and study skills; the textbook for this course is written at the college reading level

GRADING SCALE

Grade	A	B	C	D	F
Percent	90%-100%	80%-89%	70%-79%	60%-69%	59% or below

CREDITS ISSUED BY WEST-MEC

- High School - 12 elective credits
 - 6 elective credits per year
 - High school credits are awarded each semester
 - Summer credits (1.0 credit each summer) will be issued after completion of summer sessions and may be after H.S. graduation.
- This program satisfies AZ university's admissions requirements. (AZ Board of Regents CTE/Fine Arts credit)

Post-Secondary Opportunities (Optional)

- West-MEC has partnerships with various colleges and we strive to provide robust post-secondary opportunities for students.
- Concurrent Enrollment is for eligible High School students who want to earn college credits while taking West-MEC courses and completing industry certifications.
- Students can earn college credit for classes, and upon graduation and certification, apply the credits towards specific degrees at certain colleges or universities.
- High school graduates or students with a GED are not eligible to participate in Dual Enrollment.
- Post-secondary pathways are updated on <https://west-mec.edu/dual-enrollment>

Program information may change as West-MEC strives to provide the best opportunities for students. Refer to www.west-mec.edu for most current information. Program is taught by industry certified instructors. West-MEC does not discriminate on the basis of race, color, national origin, gender, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations.

Revised 9/8/2021

