

# Aviation Maintenance Technology

West-MEC 2021-22



## TWO-YEAR PROGRAM - 1930-hour program

Inspect, Repair and Troubleshoot Electrical, Hydraulic and Mechanical Aircraft Systems/Components

Inspect, Repair and Assemble Aircraft Engines

### PROGRAM REQUIREMENTS\*

- Current Sophomore, Junior and Senior students may apply
- One credit of English with a C or better
- One credit of Algebra I or higher of a C or better
- 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 (includes enrollment processing, FAA textbooks & leadership development)
- A payment schedule will be provided at registration
- West-MEC provides two uniform shirts. (Other uniform/supply requirements are the responsibility of the student.)
- Dress code is reviewed annually to meet professional industry standards. Dress code requirements will be addressed at registration and orientation.
- After Early Graduation, Graduation, or GED completion, additional program fees will apply.

### 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; knowledge obtained in this program is transferable to a broad spectrum of careers
- Entry level salary range: \$22.70 - \$26.61 per hour\*\*

\*\*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](http://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 9/2/2020

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## 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.
- 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) - (see a sample rubric at <https://west-mec.edu>)
- 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 school counselors for earlier deadlines for submitting applications to high school
- West-MEC provides accommodations and modifications identified in the IEP/504 for students who are concurrently enrolled in high school. Students who graduate from high school or have a GED will not be eligible for IEP serves. The student will need to self-advocate for reasonable accommodations which are aligned to industry certifications.
- \*Details regarding additional program costs are available at <https://west-mec.edu>

## STUDENT SUCCESS INDICATORS

- History of good attendance and discipline
- 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 admissions requirement. (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>

**Students may not be enrolled in two or more West-MEC Central Programs at the same time.**

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