# Welding Technology

West-MEC 2027-28

**TWO-YEAR PROGRAM - 900-hour program**

- Manipulate the power of fire and electricity to design and construct the metal products people use it every day.
- Use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate metal for industrial or artistic applications.
- Become an integral part in building the infrastructure of America.

## PROGRAM REQUIREMENTS*

- Current Sophomore & Juniors students may apply (Seniors may not apply)
- One credit of English with a C or better
- One credit of Math with a C or better
- A Rubric Score of 42 or above (70 points possible). Rubric scores are calculated by the student's high school counselor.
- Copy of unofficial transcript
- Proof of residency in West-MEC district boundaries
- Copy of birth certificate and immunizations/State Exemption Form due at the time of enrollment
- Transportation is not provided by West-MEC. Families are responsible for providing transportation to and from West-MEC

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

*Students who do not meet program requirements or have a rubric score of 41 or below will be placed on a Student Success Action Plan (SSAP). High School counselors will work with the student to develop an SSAP for consideration of acceptance at the end of semester two, based on program availability.

**Meeting program requirements does not guarantee enrollment.**

## COST REQUIREMENTS

Upon enrollment into the program:

- $650.00 registration fee ($150 non-refundable) includes enrollment processing, supplies, welding kit, helmet, CTSO Membership, and uniform shirts. Other uniform/supply requirements are the responsibility of the student. Registration fees are non-refundable.
    - If you decline your seat **PRIOR** to the first day of class, $400 may be refunded.
    - The $550.00 Registration Fee is non-refundable **after day 1 of class**.
    - A payment schedule will be provided at registration.
    - Leadership development training is embedded through membership and participation in the Career and Technical Student Organization | Skills USA.
- It is recommended students have access to a personal computer and reliable internet outside of class to complete assignments and projects.

Optional Costs:

- It is recommended students have access to a personal computer and reliable internet outside of class to complete assignments and projects.

Tuition requirements apply to the following students. Details regarding tuition costs are available at Tuition Feeson the West-MEC website.

- Empowerment Scholarship Account (ESA) recipients. West-MEC is an approved vendor.
- Student Tax Credit (STO)/Private School Scholarship recipients.
- Junior applicants who will become a senior in a two-year program
- Will graduate from high school before completing their West-MEC program
- General Educational Development (GED) recipients
- Foreign Exchange students
- Residents outside of West-MEC boundaries

## INDUSTRY CERTIFICATION

*If eligible, students will have the opportunity to test for the following credentials.*

TEST FEES PREPAID BY WEST-MEC; It is the responsibility of the student to maintain copies of all earned credentials.

- This industry credential is often required for employment.
    - American Welding Society (AWS) Groove Weld with Backing - 2G SMAW, 3G SMAW, 4G SMAW, 2G FCAW, 3G FCAW, & 4G FCAW
- This industry credential is often preferred for employment in the field. Candidates with this industry credential are likely to be given priority in hiring.
    - American Welding Society (AWS) Open Groove Weld - 2G GTAW, 3G GTAW, 4G GTAW, 2G SMAW, 3G SMAW & 4G SMAW
- This industry credential is relevant for employment in the field and is acknowledged by employers. Candidates with this industry credential have knowledge in the area but may not get priority in hiring over someone with industry experience.
    - Occupational Safety & Health Administration-OSHA 10 General
    - NC3 Lincoln Electric

Proof of Citizenship or Legal Permanent Residency may be required for credential testing. Students with a documented disability may request credential testing accommodations through the individual testing entity.

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 07/28/2026

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## CAREER PATHWAYS

- Structural welder, welding supervisor, manufacturing welder, certified welding inspector, ironworker, pipefitter, sheet metal worker, CTE teacher*; knowledge obtained in this program is transferable to a broad spectrum of careers
- Entry level salary range: $20.65- $22.60 per hour**

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

## LOCATION & HOURS

**West-MEC Central Campus - Building B**:
6997 N Glen Harbor Blvd, Glendale AZ 85307
623.209.80453
**Monday - Friday**
1st Year: 7:00 AM – 9:30 AM
2nd Year: 11:30 AM – 2:00 PM

**West-MEC Northeast Campus**:
1617 W Williams Drive, Phoenix, AZ 85027
623.435.4920
**Monday - Friday**
1st Year: 1:00 PM - 3:30 PM
2nd Year: 7:00 AM – 9:30 AM

**West-MEC Southeast Campus**:
3300 N 93RD Ave
Phoenix, AZ 85037
623.278.9100
**Monday - Friday**
1st Year: 7:00 AM – 9:30 AM
2nd Year: 1:00 PM – 3:30 PM

**West-MEC Southwest Campus**:
500 N Verrado Way, Buckeye AZ 85326
623.872.6260
**Monday - Friday**
1st Year: 7:00 AM – 9:30 AM
2nd Year: 1:00 PM – 3:30 PM

**West-MEC Career Academy @ Agua Fria**:
920 N Dysart Road, Avondale, AZ 85323
623.278.9090
**Monday - Friday**
1st Year: 1:00PM - 3:30PM
2nd Year: 7:00AM - 9:30 AM

**NOTE: West-MEC & high school calendars may not align & all transportation is provided by the student/parent.**

## ENROLLMENT INFORMATION

- Acceptance into West-MEC programs is 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*
- Applications are ranked in part by attendance, GPA, discipline, and career choice (ECAP)
- Program hours are not excused for participation in extracurricular activities, athletics, vacations, or employment.
- West-MEC priority application submission date is in the beginning of the second semester. Contact your school counselor for your school's Priority 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

- Strong interest in chosen career pathway.
- History of good attendance and discipline, and on track for graduation.
- Ability to work well with others and cooperate with the 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 a college reading level.
- Uniforms are reviewed to meet professional industry standards. Dress code requirements are addressed before the start of classes.
- Strong hand-eye coordination and fine motor skills
- Manual dexterity and physical ability to use tools, equipment, and machinery

## 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 - 6 High School Elective Credits (3 elective credits per year)
- This program satisfies AZ University's admissions requirements. (AZ Board of Regents CTE/Fine Arts credit)

## EARLY COLLEGE PATHWAYS (OPTIONAL)

West-MEC offers a faster way forward through early college pathways, and we strive to provide robust post-secondary opportunities for students. For more information on Early College Pathways, is available on our website:

- Early College Pathways

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