

IT Security

2023-24

TWO-YEAR PROGRAM - 900-hour program



- Investigate and eliminate security threats to networks using cyber forensics to mitigate hackers, malicious attacks, and state-sponsored terrorism
- Work with information technology specialists to design, install, and troubleshoot complex computer network systems in physical and cloud-based environments
- Protect computers and networks through the configuration of powerful hardware and software using cybersecurity programs and firewalls

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.
- Meeting application criteria does not guarantee enrollment.
- Copy of unofficial transcript
- Proof of residency in West-MEC district boundaries
- 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, certification requirements, and administrative discretion.

COST REQUIREMENTS

Upon enrollment into the program:

- \$150.00 non-refundable registration fee (includes enrollment processing, supplies & leadership development)
 - Leadership development training is embedded through membership and participation in the Career and Technical Student Organization, Skills USA.
 - West-MEC provides two uniform shirts.
- Other uniforms/supply requirements are the responsibility of the student. The dress code is reviewed annually to meet professional industry standards. Dress code requirements will be addressed prior to the start of classes. The dress code is reviewed annually to meet professional industry standards.
- It is recommended that students have access to a computer and reliable internet outside of class to occasionally complete assignments and projects.
- Optional dual enrollment will result in additional fees.
- After Early Graduation, Graduation or GED completion, registration fee, and tuition will apply. Details regarding additional tuition costs are available at [Tuition Payment Agreement](#).

INDUSTRY CERTIFICATION

- This industry credential is preferred for employment in the field a majority of the time is sought after by employers; candidates with this industry credential are likely to be given priority in hiring over others who do not hold it
 - CompTIA (A+, Security+, Network +) TESTS SCHEDULED & FEES PREPAID BY WEST-MEC
 - CompTIA Linux+ TEST SCHEDULED & FEES PREPAID BY WEST-MEC
 - Cisco CCNA TEST SCHEDULED AND PAID BY STUDENT, FEES REIMBURSED BY WEST-MEC
 - Microsoft (Microsoft 10, Managing Modern Desktops, Microsoft 365 Certified)
- 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
 - TestOut (Client Pro, Office Pro, Security Pro, Linux Pro) TESTS SCHEDULED & FEES PREPAID BY WEST-MEC
 - Microsoft Office Specialist MOS (Word Associate 2019, Excel Associate 2019, Powerpoint Associate 2019, Access Expert 2019, Outlook Associate 2019) TESTS SCHEDULED & FEES PREPAID BY WEST-MEC

CAREER PATHWAYS

- Help Desk Operator, Support Technician, Support Engineer, Network Support Technician, Network Support Engineer, CTE teacher*
- Entry level salary range: \$17.09 - \$26.69 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 the 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.



LOCATION & HOURS

West-MEC Northwest Campus:

13201 W. Grand Avenue
 Surprise AZ 85374
 623.877.6914

Monday – Friday

1st Year: 7:00 AM – 9:30 AM
 2nd Year: 7:00 AM – 9:30 AM

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

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

ENROLLMENT INFORMATION

- Acceptance into West-MEC programs may be 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 Senior*
- Applications are ranked in part by attendance, GPA, discipline, and career choice (ECAP)
- Copy of birth certificate, proof of residency, and proof of immunizations/State Exemption Form due at time of enrollment.
- Program hours are not excused for participation in extracurricular activities, athletics, vacation, or employment.
- West-MEC priority application submission date is in February. Contact your school counselors for your school's application deadline.
- Contact school counselors for earlier deadlines for submitting applications to high school
- 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
- Familiar with computer terminology, operating systems, networks
- Ability to get along with other students and cooperate with the instructor
- Ability to work accurately/follow procedures to an industry-standard
- Ability to practice all procedures with each other
- 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 - 6 elective credits (3 elective credits per year; high school credits are awarded each semester)
- This program satisfies AZ university's admissions requirements. (AZ Board of Regents CTE/Fine Arts credit)

EARLY COLLEGE PATHWAYS (OPTIONAL)

- West-MEC has a strong partnership with Maricopa Colleges and strives to provide robust post-secondary opportunities for students.
- Dual Enrollment is for eligible High School students who want to earn college credits while taking West-MEC courses.
- Students can earn community college credit for classes, and upon graduation, transfer the credits towards specific degrees at community college or university.
- Due to staffing and curriculum changes, we advise the following:
 - Dual Enrollment is offered based on West-MEC faculty qualifications.
 - Dual Enrollment may not be offered in every program or on every campus.
 - Dual Enrollment credit offerings and college pathways are finalized every year during the first month of school.
- Post-secondary pathways, including Dual Enrollment, are updated on our website [Early College Pathways](#).

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