

Job Title: Advanced Manufacturing Systems Instructor (Year 1 Mechanical Systems)

Supervisor: Campus Administrator

Employment Terms: 11 Months

Salary Range: \$65,650 - \$90,900

Location: Northeast Campus
1617 W Williams Dr
Phoenix, AZ 85027

Skill Sets:

- Customer Service
- Communication
- Critical Thinking
- Personal Management
- Leadership
- Professional Management
- Computer Technology
- Teamwork

Essential Duties and Responsibilities:

- Prepares students for jobs in Advanced & Semiconductor Manufacturing
- Ensure curriculum is current with industry standards. Work with professional organizations associated with Advanced Manufacturing
- Use student data to drive instructional practices
- Assists with curriculum development instruction and participates in program reviews
- Demonstrates and differentiates instructional methods for the purpose of providing an effective program that addresses individual student learning needs
- Develops a variety of written materials (e.g. syllabus, unit and daily lesson plans, curricular maps, assessments, attendance records, anecdotal communications, etc.) for the purpose of documenting and communicating student progress
- Partners with instructional team leaders for planning, implementation, and reflection on instruction
- Participates in a variety of meetings and professional development activities for the purpose of professional growth in an educational setting
- Assesses student progress toward objectives, expectations, and/or goals for the purpose of planning instruction, providing feedback to students and communicating achievement
- Manages student behavior in a variety of educational environments by providing a safe and positive learning environment
- Identifies and develops a variety of work-based learning opportunities for students

- Engages students in leadership development by serving as an advisor for Career Technical Student Organization (CTSO)
- Assists students to complete service learning projects and program fundraising events
- Communicates effectively with students, parents and colleagues at the campus level to improve the overall quality of student outcomes and achievement of establish program goals
- Communicates student progress and behaviors with parents and/ or legal guardians
- Establishes and maintains a good rapport with community partners and advisory councils
- Develops and implements a rigorous lab safety program
- Reports student enrollment data
- Attends district meetings
- Performs other related duties as assigned to strengthen the program

Knowledge and Skills:

- 3-5 years' experience in teaching or related work experience in Advanced Manufacturing
 - Technical Expertise in advanced manufacturing, automation, and robotics, including AI, machine learning, robotic process automation, electrical systems, hydraulics, pneumatics, and programmable logic controllers (PLCs).
 - Industry Experience in manufacturing environments, particularly with industrial robotics and advanced systems such as Festo Mechatronic, AC/DC Trainers, and KUKA Ready2Educate Cells.
 - Experience in Cleanroom Operations and an understanding of the protocols and procedures used in semiconductor and pharmaceutical industries.
- Knowledge of Career and Technical Education and the CTE Delivery Model
- Knowledge of safety and/ or sanitation procedures appropriate to field of instruction; industry standards within the area of instruction; resources available to facilitate a successful learning environment
- Ability to use tools and equipment related to area of instruction
- Ability to use appropriate technology and able to use as an integral part of instruction
- Willingness to work with high school youths and adults
- Demonstrate strong organizational and communication skills
- Able to work afternoon and evening

Requirements:

- Able to acquire Arizona Department Education (ADE) CTE provisional K-12 teaching certificate and work towards a standard CTE teaching certificate
- Ability to work toward acquiring a Maricopa Community College Dual Enrollment Certification
- Maintains industry-related certification
- Must pass a fingerprint clearance and background check

- Obtain an Arizona Driver's License

Evaluation: This position has a 90-day probation period, plus a yearly evaluation

Closing Date: Open until filled

Start Date: July 1, 2025

Application Procedure:

Submit online application: <https://west-mec.edu/employment/>

Include:

- Letter of interest
- Current resume
- Three professional references (names, addresses and phone numbers)

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