



Maricopa County Community College District

Fiscal Year 2023 Funding Proposal

STEM & Workforce Development

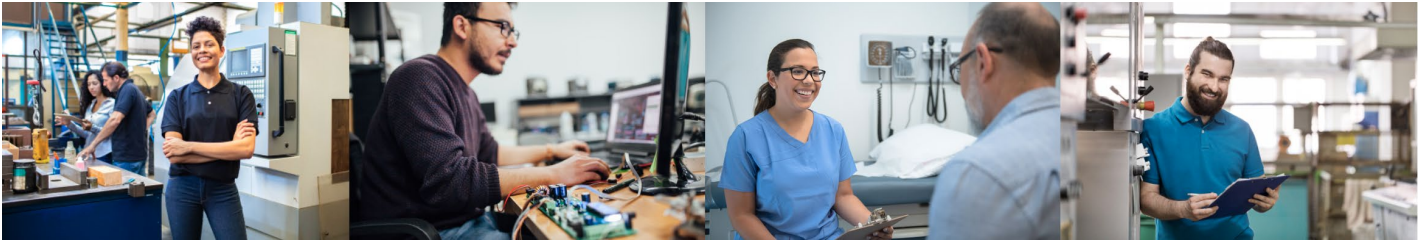


MARICOPA
COMMUNITY COLLEGES

Fiscal Year 2023 Funding Proposal

STEM & Workforce Development

For the Fiscal Year 2023 Budget, the Maricopa Community Colleges requests \$8.6 million to fully fund the STEM and Workforce Programs statutory funding formula pursuant to A.R.S § 15-1464. **Ongoing formula funding** will support the Maricopa County Community Colleges District (MCCCD) in delivering relevant, high-quality training and education to our community in the fastest-growing and most-promising job paths built on science, technology, engineering and mathematics.



Overview of STEM & Workforce Development Projects

1 | Allied Health Expansion Across the Valley

Program Description

To prepare for the growth in the healthcare workforce in Maricopa County, MCCCD recommends investing in the expansion of its Allied Health offerings across the valley, driven around the current healthcare workforce market needs. Allied Health is a program focused on the healthcare industry's needs beyond nursing, such as medical laboratory technicians, physical and occupational therapy assistants, home health rehabilitation aides, and medical insurance coding. Allied Health professions are anticipated to grow 20 percent over the next 10 years in Arizona.

Deliverables | Generate 2,100 new Allied Health Program slots annually

Cost | \$18.4 million

2 | Nursing Program Expansion in Phoenix and the West Valley

Program Description

As part of the widely recognized nursing shortage, MCCCD recommends investing in expanding its nursing programs. COVID-19 has elevated the need and heightened the anxiety around the nursing shortage. Arizona averaged between 15,000 and 20,000 Nurse Practitioner (NP) and Registered Nurse (RN) unique job postings monthly in 2021, yet only filled an average of 1400 positions a month. The demand for NPs and RNs is projected to grown nearly 20 percent by the year 2031. And, nearly 15,000 nurses currently in the workforce are near retirement. An investment in critical infrastructure to grow Arizona's nursing programs is critical to support the increasing health care workforce needs over the next decade and beyond.

Deliverables | Generate 500 new program slots annually

Cost | \$6.27 million

3 | Maricopa IT and Cybersecurity Institutes Valley-Wide

Program Description

Information Technology (IT), Advanced Technologies, and Cybersecurity is a quickly growing industry, and technology-centric companies are actively looking to states like Arizona to grow their companies. This tech-expansion in Arizona is an exciting opportunity, bringing high paying jobs and massive financial returns to our state. To support the increasing workforce needs, MCCCCD recommends investing in the establishment and expansion of IT and Cybersecurity Institutes across the Valley to support the growing workforce needs.

Deliverables | Generate 800 new annual enrollments in IT and Cybersecurity courses

Cost | \$4.85 million

4 | Maricopa Automated Mobility/Advanced Manufacturing & Engineering Institutes

Program Description

Maricopa County is currently experiencing and will continue to see a growth in workforce demand for the automated mobility, advanced manufacturing, and engineering fields to support the supply chain in a global business environment, including trucking operations, distribution, transportation, and warehousing, and critical manufacturing industry skills including robotics, automated systems, instrumentation control systems, and cyber-physical systems. MCCCCD is well-positioned to welcome programs to serve these growing manufacturing industries and provide a multitude of credit, clock-hour, and non-credit training programs that lead to industry-recommended training and credentialing.

Deliverables | Increased completion of programs and industry-recognized certification

Cost | \$17.1 million

5 | Phoenix Forge Makerspace Expansion

Program Description

Maricopa Community Colleges recently unveiled phase one of the Phoenix Forge Makerspace. As the largest makerspace in Arizona located in the heart of downtown Phoenix, this innovative approach to generating interest and experience in the hands-on craftsman jobs is quickly taking notice by tradespeople across Maricopa County. The makerspace houses an abundance of welding and artistry tools to encourage growth in this industry. The eastern portion of the makerspace remains unfinished, although the desire to maximize use of this building is existent both internally with colleges and externally with the public. MCCCCD requests a STEM investment to support the completion of the final phase of the makerspace.

Deliverables | Support the workforce development of tradespeople and manufacturers in Arizona.

Cost | \$3.15 million

6 | Biomedical Technician Training Program

Program Description

MCCCD seeks an investment to expand offerings in the biomedical technician level workforce at LabForce, located in the new in the new Wexford Science and Technology building in the heart of the Phoenix Biomedical Campus downtown. Expanding offerings in the biomedical field will help to build the talent pipeline necessary for the growth of the Arizona bioscience, life science, and STEM focused high technology start-up companies. The investment will support MCCCD in developing programs to expand and train the incumbent workforce and offer stackable, credit-bearing credentials for those entering critical biomedical fields.

Deliverables | Support the workforce development of the fast-growing biomedical industry in Arizona by generating 100 additional program slots annually.

Cost | \$1.8 million



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2411 W. 14th St., Tempe, AZ 85281

Chandler-Gilbert | Estrella Mountain | GateWay | Glendale | Mesa | Paradise Valley | Phoenix | Rio Salado | Scottsdale | South Mountain

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The Maricopa County Community College District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs or activities. For Title IX/504 concerns, call the following number to reach the appointed coordinator: (480) 731-8499. For additional information, as well as a listing of all coordinators within the Maricopa College system, visit: www.maricopa.edu/non-discrimination.

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