

## SALARIES & CAREERS

### HIGH DEMAND MEANS HIGH PAY

Advanced Manufacturing careers are in high demand with the need predicted to grow. Manufacturers in Arizona, and the United States as a whole, report a severe difficulty finding skilled workers for the high-quality, highly skilled workforce required in the manufacturing field. This has created a void of manufacturing jobs.

There are a wide range of positions in the manufacturing field and salaries are based on education and work experience. The following represent possible positions and salary ranges available in the advanced manufacturing field:

- CNC Machinist \$28,560 - \$58,385
- Manual Machinist \$29,730 - \$61,145
- Welding Technician \$29,626 - \$66,340
- Manufacturing Technician \$26,955 - \$61,290
- Manufacturing Engineer \$42,500 - \$74,255

## CURRICULA

- Advanced Manufacturing Technology (AAS)
- Fab Lab Technician (Certificate)
- Manufacturing and Design Technician (Certificate)
- Manufacturing Engineering Technician (Certificate)



Eastern Arizona College's new Advanced Manufacturing program is associated with Arizona Regional Advanced Manufacturing Professional Upgrade Project (AZ RAMP UP) and qualifies as an eligible program for Trade Adjustment Assistance (TAA) education and training, which means TAA eligible workers may receive education and training benefits when participating in Eastern Arizona College's Advanced Manufacturing degree and certificate programs.

### CONTACT US

TOLL FREE: (800) 678-3808 FAX: (928) 428-2378

### ADVANCED MANUFACTURING INSTRUCTOR

**NATHAN MCCRAY**

(928) 428-8432

nathan.mccray@eac.edu

### PROJECT SITE COORDINATOR – AZ RAMP UP

**JASON PHILLIPS**

(928) 428-8283

jason.phillips@eac.edu

### ITE DIVISION CHAIR

**DOUG GRIFFIN**

(928) 428-8437

doug.griffin@eac.edu



### PUBLIC ANNOUNCEMENT

*This project received \$10,000,000 (100% of its total cost) from a grant awarded under the Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grants, as implemented by the U.S. Department of Labor's Employment and Training Administration.*

### EQUAL OPPORTUNITY

*The Advanced Manufacturing Program is an equal opportunity employer/program and auxiliary aids and services are available upon request to individuals with disabilities.*

### DISTRICT GOVERNING BOARD MEMBERS

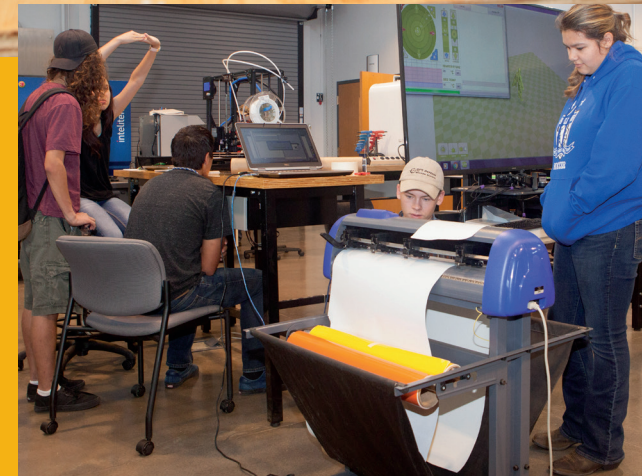
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Mark Bryce



615 N STADIUM AVENUE | THATCHER, ARIZONA 85552  
928.428.8472 | 800.678.3808 | [WWW.EAC.EDU](http://WWW.EAC.EDU)



**ADVANCED MANUFACTURING**  
INDUSTRIAL TECHNOLOGY EDUCATION



## ABOUT US

# EASTERN ARIZONA COLLEGE

EAC is Arizona's oldest community college with approximately 1,500 full-time students on the main campus in Thatcher.

Eastern is located in Graham County with a population of 35,000. The main campus is in the Gila Valley at the base of the beautiful Mt. Graham, a 10,720 foot peak. Principal economic activities in the area include farming, ranching, mining, governmental services, and higher education.

Recreational opportunities and facilities include swimming, skating, hunting, hiking, fishing, camping, biking, natural hot springs, golfing, equestrian sports, Discovery Park Campus, and the Mt. Graham International Observatory. Both the College and the community offer a wide variety of activities and cultural events.

## WELCOME

Manufacturing is back! Not only is it back in America but it is back at EAC and it is more advanced and exciting than ever with a new program associated with the Arizona Regional Advanced Manufacturing Professional Upgrade Project (AZ RAMP UP).

**AZ RAMP UP** is a collaborative effort involving Eastern Arizona College, Central Arizona College, Estrella Mountain Community College Southwest Skill Center, and Gateway Community College Maricopa Skill Center to provide state-of-the-art training for the next generation of advanced manufacturing workers.

### CAREER OF THE FUTURE

EAC can prepare you for a new career in advanced manufacturing, now considered the high-tech career of the future, where you will learn advanced machining concepts on lathes, mills, CNC machines, 3D scanning and printing, robotic plasma cutting, and laser engraving and cutting. Students in the Advanced Manufacturing program will focus on parts and project production, manufacturing operations, computer aided manufacturing using parametric solid modeling software, team oriented design concepts, sharing ideas to improve products, and reverse engineering of products. This new program will provide students with an opportunity to work within a Fab Lab environment and network where students can share ideas and concepts with other students across the United States and around the world.

### LET US PREPARE YOU!

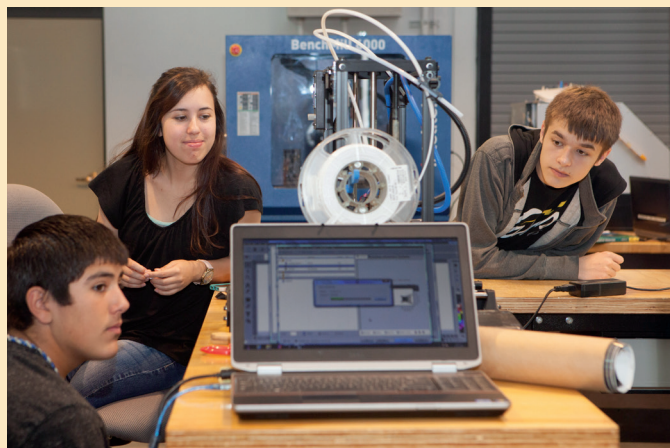
At EAC we offer an Associate of Applied Science degree in Advanced Manufacturing Technology along with three manufacturing technician certificate programs that focus on design and engineering. Come visit the College and let us see how we can help you begin an exciting career in advanced manufacturing.



## STUDENT EXPERIENCE: FAB LAB

A Fab Lab is a technical prototyping platform for learning and innovation: a place to play, to create, to learn, to mentor, and to invent. A place to connect the global community of learners, educators, technologists, researchers, makers and innovators. Fab Labs share common tools and processes; the program is building a global network, a distributed laboratory for research and invention. Originally designed for communities as prototyping platforms for local entrepreneurship, Fab Labs are increasingly being adopted by schools as platforms for project-based, hands-on STEM education.

EAC's Fab Lab provides entrepreneurs, inventors, and digital fabricators the tools to imagine, design, and create. Using the tools available and the skills you will develop, you will be able to take ideas from the drawing board to a tangible object.



- This tool was created in order to fulfill the requirements of the TAACCCT 4 grant. AZ Ramp Up products by Eastern Arizona College are licensed under a Creative Commons Attribution 4.0 International License. This workforce product was funded by a grant awarded by the U.S. Department of Labor’s Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.

