



AZ HIGH TECH FUTURES

ELECTRONICS

Programs available at: Mesa, Maricopa Skill Center






What can I do in Electronics?

In Electronics Technology, technicians learn the basic skills needed to operate, maintain, install and repair electrical and electronic equipment. Electronics technicians also help test new devices for cell phones or medical equipment, maintain airplane control panels, or repair custom-built industrial machines.

Day in the Life

Start by testing a batch of processors that will control heart pacemakers. Heat them, cool them, measure the electrical signals going through them. Fine-tune the digital reader that tracks each chip through the process. Then calibrate and repair a soldering machine that isn't aiming right.

Show Me the Money

Entry level		\$28,800/yr	
Mid level		\$47,100/yr	
Senior level			\$67,200/yr

Students in our courses will learn skills that are aligned with industry standards. Students will learn how to:

- Use assembly language to program a computer chip
- Interface keyboards, displays, and stepper motors with a computer chip
- Use algebra and trigonometry to solve electronic problems
- Design and construct electronic circuit boards
- Test all types of electronic circuits using standard test equipment

HUMPHREY "BLUES" DOGBE – ELECTRONICS TECHNOLOGY STUDENT – MARICOPA COMMUNITY COLLEGES

Blues is the first in his family to attend college. "As a kid I liked to build a lot and work with electronic things like batteries and light bulbs. I asked a college advisor how I could learn to design things and come up with inventions. He recommended an electronics class."

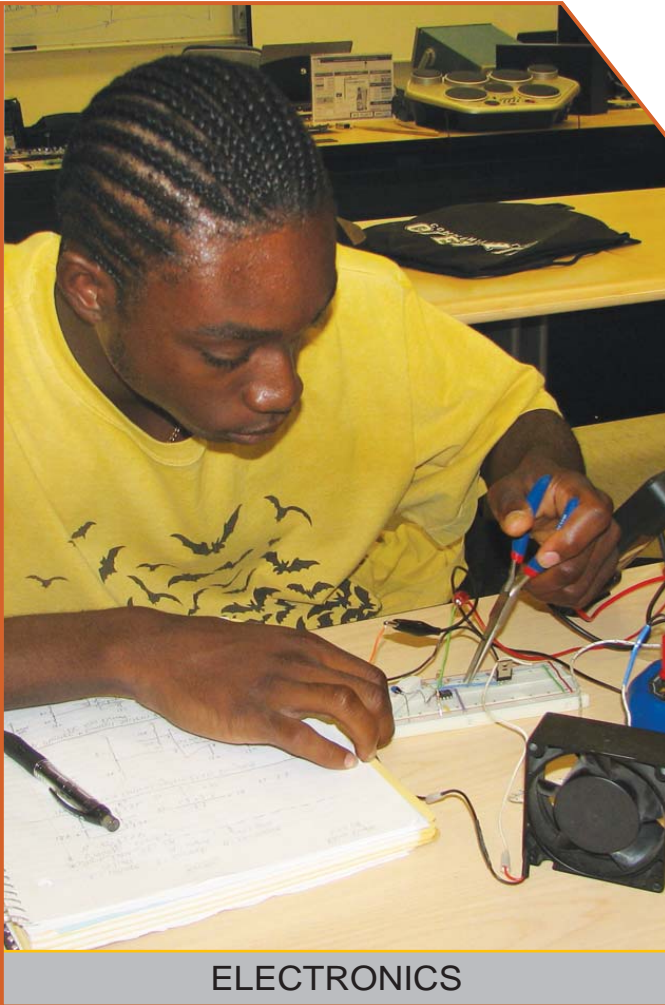
After completing his first course he said, "I like that we did a lot of hands-on things. It was pretty cool!"

Blues plans to major in Electronics Technology and minor in Electrical Engineering. "Being an Electronics Engineer you get paid pretty well - and you can work all over the world. I want to be an inventor and invent things the world has never seen."



PURSUE YOUR HIGH TECH FUTURE THROUGH MARICOPA COMMUNITY COLLEGES!

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Mesa Community College

Associate of Applied Science (AAS) in:

- Electronics Engineering Technology (70 credits)
- Electronics Technology (71-72 credits)

Certificate of Completion (CCL) in:

- Electronics Technology (33 credits)

Maricopa Skill Center

Certificate of Completion (CCL) in:

- IPC Certified Soldering (201 hrs)
- IPC Soldering (140 hrs)

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Whether you're just out of high school, going back to college, or seeking to upgrade your job skills, the Maricopa Community Colleges offer a wide range of opportunities. Our 10 colleges and 2 skill centers are dedicated to excellence, meeting your educational needs with affordable, convenient classes.

Learn more at www.azhightech.com

- Chandler-Gilbert
- Estrella Mountain
- GateWay
- Glendale
- Maricopa Skill Center
- Mesa
- Paradise Valley
- Phoenix
- Rio Salado
- Scottsdale
- South Mountain
- Southwest Skill Center



MARICOPA
COMMUNITY
COLLEGES

HTWI is an initiative of the Division of Academic and Student Affairs at the Maricopa Community Colleges.



HTWI

HIGH TECH WORKFORCE INITIATIVE



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