

Frequently Asked Questions (FAQ)

Aerospace Bootcamps

What Aerospace programs are offered?

[AIT-128 Cable Harness Wiring Boot Camp](#)

[AIT-123 J Standard Soldering Boot Camp](#)

[AIT-124 Composites Technician Boot Camp](#)

[WRKDEV 900- Aviation Sheetmetal Boot Camp](#)

How much does the program cost?

The normal cost of the program for those who meet Maricopa resident requirements is \$97.00 per credit hour, plus a \$15.00 registration fee.

Wire Harness (3 credit hour): \$291 with a \$150 course materials fee

J Standard Soldering (3 credit hour): \$291 with a \$150 course materials fee

Composites Technician (3 credit hour): \$291 with a \$95 course materials fee

Aviation Sheet Metals (non-credit): \$615 with a \$95 course materials fee

Students may qualify for [Route to Relief](#) grant funding to help cover the costs of tuition, transportation, child care, lost wages, etc. Qualification questions for grants are asked during the application process and you will be notified if you qualify. The class will be filled on a first-come, first-served basis with any additional students being put on a waiting list until further seats in the next class are available.

The out-of-state tuition rate is \$372.00 per credit hour or \$1,116.00, plus a \$15.00 registration fee, and would be the student's responsibility.

When will I hear if I am accepted into the program?

Once you have completed the pre-assessment and submitted the enrollment request form specifying which class you wish to enroll in, a campus navigator will reach out to you within 3 days. Please check your email frequently and respond immediately. Failure to respond to email requests will result

in you being placed on a waiting list, with continual non-response resulting in you being moved from our enrollment request list.

What do I learn in Aerospace Programs?

Each Aerospace program is designed to teach individuals the skills needed for entry-level Aerospace positions. **No prior experience is necessary.** The programs include training by industry professionals, each with a dynamic mix of video lectures, quizzes, and hands-on labs. For a specific curriculum outline please see each program's information page listed in question 1.

What is Aerospace Manufacturing?

The aerospace industry is responsible for the design, development, and production of aircraft and spacecraft, as well as their various components and systems. This includes everything from passenger jets and military aircraft to satellites and space probes.

Aerospace manufacturing is a highly specialized field that requires a combination of advanced technological expertise, engineering skills, and precision manufacturing techniques to ensure they meet necessary performance & safety standards. Aerospace products must be of the highest quality and must be reliable in order to ensure the safety of passengers and crew. This requires strict quality control processes and robust testing protocols.

What are the next steps if I pass the pre-assessment?

You will receive an email indicating if you have passed the pre-assessment test and the next steps, which will include:

1. Complete admissions at the college of your choice (maricopa.edu)
2. Complete ID Authentication as a part of the admissions process
3. Complete the enrollment request form by selecting the date/time of the class you'd like to take (link provided in your email confirmation)
4. You will receive confirmation of enrollment via email and you will see the class in your student center
5. Complete pre-class readiness assignment
6. Attend classes
7. Upon successful completion, take the final certification test
8. Participate in post-class hiring fairs
9. Participate in post-class employment survey

Enrollment in classes is on a first-come, first-served basis. All admissions requirements must be met prior to being enrolled in a class. Please write down your Student ID, User ID (MEID), and password so that you have it available for enrollment and for the first day of class.

Why am I not able to enroll in this program on my own online through the colleges?

Department consent is required for this class and there are additional requirements for enrollment, including the pre-assessment test.

I am having trouble submitting my ID online. Is it possible to go to the college and get assistance from them?

Yes, you may go to the enrollment center on any campus to assist you with submitting your ID to complete the admissions process. Some common problems include copies that are not clear and readable for the system or the copy has been associated with the wrong college. Returning students may also be required to resubmit their ID to reactivate their account after 1 year. You may also call **480.731.8660** to speak with an advisor.

Are there additional education opportunities once I complete the program?

Aerospace classes serve as technical electives in the Automated Industrial Technologies (AIT) Certificates of Completion and Associate's Degree. Additionally, many companies have programs for additional training and education for their employees.

Why is having an Aerospace certificate beneficial?

The certificates are recognized by the aerospace industry as readiness for entry-level employment. In addition, the industry-recognized certification through the IPC (Institute of Printed Circuits)* validates their skills and abilities. Students who complete the program(s) may have an opportunity to get hired by companies like Boeing, Honeywell, Benchmark, Applied Materials, Amphenol, and many others.

**Composites and Sheet Metals are recognized as industry-designed testing, and do not include an IPC certification.*

Why take this program through Maricopa Community Colleges?

The Maricopa Community Colleges - Arizona Advanced Manufacturing Institute (<https://www.mesacc.edu/workforce-development/azami>) has worked closely with our manufacturing partners to identify the skills and competencies required for entry-level technician and assemblers at multiple manufacturing companies throughout Maricopa County.

After working with our partners to create the curriculum and certifications for this program, we have partnered with those same companies to offer interview and hiring opportunities to our students.

We provide:

- Small in-person classes
- Instructional support by qualified industry professionals
- Additional workforce professional skills (Maricopa Skills Badge)
- Potential interview opportunities with leading Arizona aerospace companies

What is the class size?

Class size varies depending on the program. In general, the maximum class size is no more than 14.

What will be required to take the class?

- **Participants will be required to attend class every day.**
- **Participants will be required to complete an estimated 8-12 hours of additional homework outside of the class.**
- **Participants will need access to a computer with internet access.**
- **Participants will also be required to submit an image of a government-issued ID card to the Maricopa Community Colleges admissions office.**
- **Participants will be required to complete a pre-class readiness module in the Canvas Learning Management Systems.**

Will I incur additional expenses for this program?

Students will be responsible for tuition and course fees. Some programs have funding to reimburse course fees up to \$150. Additionally, some students may be eligible for Route to Relief funding to help pay for classes. Students are not required to purchase textbooks or additional materials.

Are there additional requirements to working in an Aerospace Manufacturing environment?

Every employer has different requirements depending on their company culture, dangers associated with manufacturing processing, and what is being manufactured. In general, most large employees in this industry may require:

- Lawful U.S. Citizenship
- Background Check
- Drug Screening
- Level 1 Fingerprint Card
- Immunizations (And depending on the facility there may be a possible requirement of the COVID-19 vaccination.)
- Personal Protective Equipment

Do I need to be in class to participate in the program?

Yes, attendance is mandatory. Students may be able to work with their instructor(s) to schedule make-up labs and testing days.

Where are classes held?

Depending on the program, the classes will be held either at Mesa Community College or Chandler-Gilbert Community College. You should pick the class time and location that is most convenient for you.

How much assistance will I receive in finding a job?

Participants who complete the program will have an opportunity to meet with local employers at job fairs on campus. In addition, our Career Navigators on campus will provide additional resources to assist with your job search.

Maricopa Community Colleges will also provide additional resources and job leads to help you continue forward on your career path through our Career Services centers located on each campus, Pipelineaz.com, AZ Job Connection, and the maricopa.edu/careerlink.

What is the current job market?

Currently, Arizona is leading the nation in Aerospace and Manufacturing growth.

Job Prospect: Over 2,200 unfilled Aerospace jobs in Arizona

· **Median Annual Wage:** \$59,090

Please research salaries and jobs available in the area you live. Here are some websites that can assist you:

<https://www.bls.gov/oes/current/oes512011.htm>

https://www.ziprecruiter.com/jobs-search?search=Aerospace-Technician&lvk=Bo_kARA7sFuilhW7YcCvTQ.--NQPgH4pYZ

States with the highest concentration of jobs and location quotients in Aircraft Structure, Surfaces, Rigging, and Systems Assemblers:

State	Employment (1)	Employment per thousand jobs	Location quotient (9)	Hourly mean wage	Annual mean wage (2)
Washington	4,690	1.34	6.83	\$ 36.27	\$ 75,450
Georgia	2,880	0.60	3.08	\$ 29.65	\$ 61,670
Alabama	770	0.38	1.92	\$ 30.25	\$ 62,910
Arizona	860	0.27	1.40	\$ 28.41	\$ 59,090
Arkansas	330	0.26	1.34	\$ 21.51	\$ 44,750

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What is the attendance policy?

These are accelerated boot camps and it is highly recommended that you are in attendance every day. Students who wish to drop or reschedule the class must do so before the end of the first day without consequence. Failure to do so may result in a grade of 'W' (Withdrawal) for the course, and a debt for the full cost of the program will be placed on their account. Failure to pay the cost could result in negative impact to credit scores, inability to enroll in future classes, and possible tax consequences.

How much homework will I have in the program?

Participants will be required to complete an estimated 8 -12 hours of additional homework outside of the class.

Ready to join one of our Aerospace Training Programs?

Take the next step and fill out the application here:

[AIT-128 Cable Harness Wiring Boot Camp](#)

[AIT-123 J Standard Soldering Boot Camp](#)

[AIT-124 Composites Technician Boot Camp](#)

[WRKDEV 900- Aviation Sheetmetal Boot Camp](#)

For additional info email: azami@mesacc.edu or azami@cgcc.edu