

Frequently Asked Questions [FAQs] – Welding Certificates

1. What does a welder do?

A welder utilizes various methods, technologies and techniques to prepare and join pieces of metal together. Common welding processes taught at Tri-C include shielded metal arc welding, gas metal arc welding, gas tungsten arc welding and oxy-fuel welding. In addition to these basic processes, the College offers instruction in robotic welding, nondestructive testing and structural fabrication.

2. Do I need to have previous experience or knowledge of this field?

No. You will be trained on state-of-the-art Lincoln Electric equipment and learn your craft using high-tech tools such as a welding simulator, which is similar to a video game.

3. What are the start dates?

Click on the following link and enter the term and subject code to view the course schedule for the selected term/semester. The subject code is "ISET".

[Select a Term \(tri-c.edu\)](#)

Web Address:

<https://banxep.tri-c.edu/StudentRegistrationSsb/ssb/term/termSelection?mode=search>

4. What will I receive upon completing the program?

Tri-C offers two welding programs. Each program offers a college-issued certificate awarded upon completion.

The short-term certificate in Introductory Welding is designed for students with no prior experience or education in welding. It provides a quick introductory education to students looking to get an entry-level welding job as soon as possible. In addition to the College-issued certificate awarded upon completion of the Introductory Welding program, students may also earn nationally recognized third-party welding certifications on the (AWS) American Welding Society based on welding testing levels (2F – 4G).

The certificate of proficiency in Industrial Welding combines both, the short-term certificate in Introductory Welding and also introduces additional industry technologies including: programming of welding robots, fabrication, nondestructive testing techniques, flux core welding and workplace safety into one comprehensive program.

Students who complete the short-term Introductory Welding certificate can apply earned credits toward the Industrial Welding Certificate of Proficiency.

5. What types of jobs will this training prepare me for?

Students who complete the Introductory Welding program can find entry-level employment as a welder. Those who complete the Industrial Welding certificate can find more lucrative employment as a welder or obtain employment in fabrication and robotic welding programming/operating.

6. Is a job or internship guaranteed?

The College cannot guarantee a job or internship. However, internship and job search assistance are available. To find help with your resume, interviewing techniques and more visit [Tri-C Career Center and Services: Cleveland, Ohio](https://www.tri-c.edu/career-services/index.html).

Web Address: <https://www.tri-c.edu/career-services/index.html>

7. Which companies have hired graduates from Tri-C's welding program?

The Great Lakes Group, Hose Master, Anchor Manufacturing, Ohio Gratings, Lincoln Electric, TMG Performance Products, Stainless Works, Ebner Furnaces, AT&F, Alloy Precision Technologies, Cleveland Cliffs, Charter Steel, Cargill and many more.

8. When do classes meet?

Classes are held either during the day or in the evenings.

9. What level of math is needed to be successful in this program?

You must either take MATH-0910 Basic Arithmetic and Pre-Algebra or test out of MATH-0910 with a qualified ALEKS Math Placement Test. Taking MATH-0910 or testing out of MATH-0910 can be done at any time prior to program completion.

10. What level of reading is needed to be successful in this program?

You will be more successful in the welding courses if you are capable of reading and comprehending at an 8th grade level. Students should have basic writing and grammar skills. An English Assessments can be taken at the College, but it is not required.

11. What are the next steps to continue learning in this field?

Students who complete the short-term Introductory Welding certificate can apply earned credits toward the Industrial Welding Certificate of Proficiency.

12. Will my credits apply toward a degree at Tri-C?

No. There is currently no degree that is offered in welding technologies. The college is in the process of launching a degree program in Welding in the future.

13. What if I have a criminal background?

Students with criminal backgrounds are permitted to enter the welding program.

14. Will I be drug tested?

Tri-C does not require a drug test to enter the welding program; however, most area employers will drug test applicants for welding jobs.

15. Are scholarships available for this program?

Tri-C does not offer any welding-specific scholarships, but general student scholarships do exist for science, technology, engineering and math (STEM) occupations.

Check the [Tri-C Student Financial Aid and Scholarships: Cleveland, Ohio](#)

Website: <https://www.tri-c.edu/paying-for-college/financial-aid-and-scholarships/index.html>

Contact a Tri-C financial aid representative at 216-273-1075 or email financialaid@tri-c.edu to learn about financing and scholarship options.

Outside scholarships for welding are offered through organizations such as:

The American Welding Society:

[AWS Foundation Scholarships | Supporting Future Welding Professionals](#)

Website: <https://www.aws.org/Career-Resources/Students/Scholarships/>

Ohio Means Jobs Scholarship Opportunity Search

Website: <https://jobseeker.ohiomeansjobs.monster.com/FundIt/scholarship.aspx>

College Now Greater Cleveland:

[Find Scholarships | College Now Greater Cleveland \(collegenowgc.org\)](#)

Website: <https://collegenowgc.org/find-scholarships/>

16. How much does the program cost?

Tri-C is one of the most affordable options in Northeast Ohio. The College maintains modest tuition and fees through support from Cuyahoga County taxpayers and assistance from the state of Ohio.

View Tri-C's [Tri-C Tuition and Payment Schedule: Cleveland, Ohio](#) for details.

Website: <https://www.tri-c.edu/paying-for-college/tuition-and-fees/index.html>

17. Are there any additional fees for the welding program?

There are additional lab fees each student must pay on top of tuition. Lab fees cover the AWS (American Welding Society) qualification in each discipline (STICK, MIG, & TIG) as well as the PPE gear and all the welding rods/metals/gasses students will use.

I'm interested...what's the next step?

Complete a Tri-C Application: [Tri-C Getting Started and Applying: Cleveland, Ohio](#).

Website: <https://www.tri-c.edu/apply/index.html>

A New Student Checklist Can be Found here:

[Enrollment New Student Checklist Spring 2023 \(tri-c.edu\)](#)

Website: <https://www.tri-c.edu/get-started/documents/22-0383-enrollment-new-student-checklist-spring-2022-pr-nocrops.pdf>