

## 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.

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

4. What will I receive upon completing the program?

Tri-C offers three stackable welding certificates. Once you complete both short-term certificates (Introductory Welding and Welding Technology), you will automatically earn the Industrial Welding Certificate of Proficiency.

***Introductory Welding***      +    ***Welding Technology***      =    ***Industrial Welding***  
***Short Term Certificate***                      ***Short Term Certificate***                      ***Certificate of Proficiency***

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).

Tri-C's short-term certificate in Welding Technology is designed for students who have already completed the short-term certificate in Introductory Welding or have completed a prior learning assessment. The program provides additional education to students looking for more advanced jobs in the welding industry.

The Industrial Welding Certificate of Proficiency combines both short-term certificates into one comprehensive program designed to be completed in just one year. Students who complete the Industrial Welding program are also awarded both short-term certificates and any other related credentials.

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 is available. To register for help with your resume, interviewing techniques and more, visit [www.tri-c.edu/ijcr](http://www.tri-c.edu/ijcr) or contact the Job Link Services office at 216-987-4391.

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

Great Lakes Towing, Hose Master, Anchor Manufacturing, Engineered Endeavors, Ohio Gratings, Lincoln Electric, CORSA (TMG Performance Products), Stainless Works, Ebner Furnaces, AT&F, Alloy Bellows & Precision Welding.

8. When do classes meet?

Classes are held on evenings and weekends to fit your schedule.

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

There is a prerequisite. You must test out of Math 0910. The College ALEKS will determine your level of math.

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/comprehending at the 8<sup>th</sup> grade level. The College Accuplacer will determine your level of reading/comprehension.

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

**Introductory Welding  
Short Term Certificate**      +      **Welding Technology  
Short Term Certificate**      =      **Industrial Welding  
Certificate of Proficiency**

Students who complete the short-term Introductory Welding certificate can apply earned credits toward the Industrial Welding Certificate of Proficiency. Those who complete the Industrial Welding program may then apply those credits toward an Associate of Applied Science degree in Integrated Systems Engineering Technology or specialized training in welding processes. Graduates may then apply credits toward a bachelor's degree in welding engineering technology or other engineering technology programs at a four-year school.

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

Yes. They will apply toward an Associate of Applied Science degree in Integrated Systems Engineering Technology.

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 multiple scholarships do exist for STEM occupations. Check the [Financial Aid and Scholarships website](#) for qualifying scholarships or contact a Tri-C financial aid representative at 216-987-0272 to learn about other financing options.

#### OTHER RESOURCES FOR MANUFACTURING/ADULT SCHOLARSHIPS

College Now Greater Cleveland  
(also offers assistance with FAFSA completion)  
<http://collegenowgc.org/find-scholarships/>

Outside scholarships for welding are offered through organizations such as the American Welding Society:

<http://www.awssection.org/cleveland/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 our current [tuition and fee schedule](#) for details.

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

A one-time welding fee covers equipment required to meet safety compliance. See attached fee schedule.

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

Complete Tri-C's [online application](#).