

ASSOCIATE OF APPLIED SCIENCE IN ROOFING TECHNOLOGY (APPRENTICESHIP)

This program is offered in partnership with the United Union of Roofers, Waterproofers, & Allied Workers at various local training centers around the state. Students must be currently working in a registered apprenticeship program in conjunction with the U.S. Department of Labor, Bureau of Apprenticeship and Training.

A four-year apprenticeship prepares students to work in Roofing and Waterproofing industry. The first three years of the apprenticeship will be a mix of classroom learning and skills practice in the shop and on the job training, and the fourth and final year will be 100% on the job training. Safety is a critical focus and students will learn how to properly recognize and address hazards in the workplace.

Program contact: Learn more

This degree program contains one or more embedded certificates which will be automatically awarded when the certificate requirements are completed. If you do not want to receive the embedded certificate(s), please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Learn more about how certificate credits apply to the related degree.

Related Degrees and Certificates

Roofing, Short-Term Certificate (Apprenticeship program)

Program Admissions Requirements

- Minimum of 30 days/240 hours working on roofs with a roofing contractor
- 18 years old
- HS Diploma/equivalent recommended
- Application to Joint Apprenticeship Training Committee and acceptance to rank numbered eligibility list/Intent to Hire agreement with participating contractor.

Next steps to apply:

- Individuals interested in this program/certificate must reach out to the training center of your choice listed at the bottom of the page.
- The union must select and admit you into the apprenticeship program first.
- Once accepted into the apprenticeship program, a Tri-C representative will work with you directly to enroll in the credit courses. Each of the classes will be held at your training center.

Program Outcomes

1. Self-start and work independently on a roofing job.
2. Install all the components of various roofing systems, including steep slope roofs, built-up roofs, single-ply roofs.
3. Follow all roofing safety protocols without supervision, including checking for site hazards.
4. Operate various types of equipment needed for roof installations.

5. Estimate the amount of materials needed for a roofing installation.
6. Earn Roofer's Journeyman certification.

Suggested Semester Sequence

First Semester		Credit Hours
ATRF-1020	Introduction to Roofing Tools, Materials, and Calculations	2
ATRF-1050	Single Ply Roofing I	4
ATRF-1070	Roofer's Safety	3
IT-1090	Computer Applications	3
BADM-XXXX/ CNST-XXXX/ MARK-XXXX	Business, Construction Engineering Technology, or Marketing Elective ¹	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Credit Hours		18
Second Semester		
ATRF-1030	Steep Slope Roofing I	2
ATRF-1080	Applied Roofer's Math	1
ATRF-2020	Built Up Roofing I	2
ATRF-XXXX	Roofing Elective	2
DEGR-XXXX	Any Approved Ohio Transfer 36 Mathematics course	3
BADM-XXXX/ CNST-XXXX/ MARK-XXXX	Business, Construction Engineering Technology, or Marketing elective ¹	3
DEGR-XXXX	Arts and Humanities Requirement	
Credit Hours		13
Third Semester		
ATRF-2040	Built Up Roofing II	2
ATRF-2050	Single Ply Roofing II	4
ATRF-XXXX	Roofing Elective	1
DEGR-XXXX	Communications Requirement	3
BADM-XXXX/ CNST-XXXX/ FIN-XXXX	Business, Construction Engineering Technology, or Finance Elective ¹	3
Credit Hours		13
Fourth Semester		
ATRF-2790	Journeyman's Review and Certification	4
AIT-2990	Contracting in a Diverse World	3
DEGR-XXXX	Natural Science/Social and Behavioral Science Requirement	3
BADM-XXXX/ CNST-XXXX/ MARK-XXXX	Business, Construction Engineering Technology, or Marketing Elective ¹	3
DEGR-XXXX	General Elective ¹	3
Credit Hours		16
Total Credit Hours		60

¹ Students who plan to complete an additional certificate or degree can choose electives for this degree that may also fulfill requirements

for a secondary certificate or degree. Please contact the Counseling Department for more information.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.