

Industrial Welding Technology: Welder's Helper

Career Pathways Certificate

Holland code family: Doers

www.roguecc.edu/Counseling/HollandCodes/test

About the Program

The Welder's Helper Career Pathways two-term certificate program is designed to recognize students' accomplishments in welding and prepare them for entry-level work experiences in the welding industry. Students will be prepared with mathematics skills and the understanding of skills necessary to be valuable employees in the industrial welding trades. Credit from this certificate will transfer to the one-year Certificate of Completion and/or the Associate of Applied Science degree in Industrial Welding Technology.

The U.S. Department of Education requires disclosure of specific information about career and technical certificate programs to prospective students. Data includes Standard Occupational Classification (SOC) codes, graduation rates, tuition and fees, typical costs for books and supplies, job placement rates for students completing the programs, and median loan debt incurred by students completing the programs. For more information visit www.roguecc.edu/GainfulEmployment.

Entry Requirements

Students are required to complete the Placement Process to determine skill level and readiness in math, reading, and writing. As part of their training program, students must begin with the courses within their skill level as determined by the results of their placement assessment. In addition, students may also be required to enroll in classes that would increase their employability and success.

Advanced Standing

Coursework from accredited colleges and universities will be accepted in accordance with college policies. In order to ensure that coursework is current, program courses over three years old must be reviewed and approved by the appropriate department chair before being accepted toward core requirements. High school College Now credit will be accepted in accordance with current agreement. Verified industry experience may be substituted for some coursework in accordance with college policy and the department chair's approval.

Credits earned in the successful completion of Career Pathways Certificates can be applied to other certificates and degrees in the Career Pathway. For more information, speak to a program advisor and review the roadmap at www.roguecc.edu/Programs/CareerPathways.

Completion Requirements

Students must complete all courses in this program with a grade of "C" or better to receive their pathways certificates. Certain required courses are graded on a pass/no pass basis only. A grade of "P" for these courses indicates a student earned the equivalent of a "C" or better grade.

Industrial Welding Technology: Welder's Helper Career Pathways Certificate (25-28 credits)

- Entry-level work experiences in the welding industry ¹

Industrial Welding Technology Certificate of Completion (42 credits)

- Welding, soldering, and brazing machine setters, operators, and tenders so you can set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Include workers who operate laser cutters or laser-beam machines ¹

Industrial Welding Technology Associate of Applied Science (AAS) (93-97 credits)

- Welder/fabricator, pipe welder, equipment repairer, cutter, solder, and brazier ¹

Management SOU, Bachelor of Applied Science articulated with RCC's AAS degrees

- Supervisor/manager ¹
- Business owner ¹

¹ For current wage and gainful employment data, see the Jobs & Wages box within the specific program roadmap at www.roguecc.edu/CareerPathways/



What are the employment opportunities?

Visit <http://www.roguecc.edu/GainfulEmployment>.

Prerequisites

| Course No. | Course Title | Credits |
|------------|--|---------|
| MTH20 | Pre-algebra or designated placement test score | 0-4 |
| RD90/WR90 | College Reading/Fundamentals of Composition or WR91 Fundamentals of Academic Literacy (WR91 substitutes for both RD90 and WR90) or designated placement test score | 0-8 |

Total Prerequisite Credits 0-12

Required Courses

| Course No. | Course Title | Credits |
|------------|---|---------|
| MEC102 | Basic Hand Tools or demonstrated proficiency | 0-3 |
| MET101 | Mechanical Drafting | 3 |
| MTH63 | Applied Algebra I or MTH60 Fundamentals of Algebra I or higher level math | 4 |
| WLD111 | Technology of Industrial Welding I | 6 |
| WLD112 | Technology of Industrial Welding II | 6 |
| WLD113 | Technology of Industrial Welding III | 6 |

TOTAL PROGRAM CREDITS 25-28

For more information contact the Industrial Welding Department:

Grants Pass or Medford 541-245-7809
 Toll free in Oregon 800-411-6508, Ext. 7809
 email welding@roguecc.edu
 Web address www.roguecc.edu/welding
 TTY Oregon Telecom Relay Service, 711

This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

RCC is an open institution and does not discriminate. For RCC's non-discrimination policy and a full list of regulatory specific contact persons visit the following webpage: www.roguecc.edu/nondiscrimination.



What skills will you learn?

Visit <http://go.roguecc.edu/department/program-learning-outcomes>.