Industrial Welding Technology: Welder's Helper

Career Pathways Certificate

Major Code: 480508C

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 curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. For a list of learning outcomes for this discipline or program, see www.roguecc.edu/Programs/LearningOutcomes.

Entry Requirements

Students are required to take a placement test 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 levels as determined by placement test scores. 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 seven 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.

Industrial Welding Technology: Welder's Helper
Career Pathways Certificate (22 credits)
- Entry-level work experiences in the welding industry [1]

Industrial Welding Technology
Certificate of Completion (43-50 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

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 a "C" or better grade.

Prerequisites

Course No.	Course Title	Credits
MTH20	Pre-algebra or designated placement test score as shown on current indicator chart	0-4
RD30	College Reading or designated placement test score as shown on current indicator chart	0-4
WR30	Fundamentals of Composition II or designated placement test score as shown on current indicator chart	0-4
Total Prerequisite Credits		**0-12**

Required Courses

Course No.	Course Title	Credits
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
WLD221	Welding Codes, Procedures and Inspections	3
TOTAL PROGRAM CREDITS		**22**

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 ..... lbonney@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.

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