



MANUFACTURING CERTIFICATE

(16 Quarter Credits)

2020-2021



The Manufacturing Certificate is designed to prepare students for entry-level welding employment in a manufacturing environment. Career opportunities include entry level jobs in cutting parts, blueprint reading and fitting, tacking, production welding, repair welding and fabrication.

Program Prerequisites:

- Place into RD 90 Transformative Reading
- Place into WR 90 Introductory Writing
- MTH 20 Basic Math (4 credits) or equivalent placement test scores

Course Number	Course Title	Prerequisites	Credits
Fall Term			7
<input type="checkbox"/> WLD 195	Welding Technology I	none	3
<input type="checkbox"/> MTH 98	Quantitative Math	Place into RD 90 and WR 90; MTH 20 or test	4
Winter Term			6
<input type="checkbox"/> MFG 150	Manufacturing Processes	WLD 195	3
<input type="checkbox"/> MFG 280	Aluminum GTAW/TIG Welding	WLD 195; Pre/Co: MFG 150	3
Spring Term			3
<input type="checkbox"/> MFG 155	Blueprint Reading	WLD 195	3
Total Quarter Credits			16

Comprehensive Certificate Requirements & Limitations:

- Students must complete the course of study with a minimum 2.0 grade point average.
- Specific courses required for each certificate program, including any General Education requirements, are listed under their appropriate programs.
- At least six credits must be earned at CGCC, all of which must apply to the certificate requirements.
- A maximum of eight credits of Pass/No Pass grades will apply.
- Only nine credits of 199 and 299 experimental courses apply.

This form is intended for advising purposes only. See your declared catalog for a complete list of degree requirements.

Columbia Gorge Community College is an equal opportunity educator and employer.