

Career & College Promise – Career Technical Education Pathways – Welding Technology Diploma (D50420P)

Blue Ridge Community College offers a number of Career Technical Education Pathways (CTE) as part of Career and College Promise. CTE Pathways allow high school students to earn tuition-free courses geared toward job credentials or to get a jump start on one-year or two-year program at Blue Ridge. While most CTE courses do not transfer, several of them will transfer to four-year schools with a “C” or higher grade. Transferable classes at Blue Ridge count as weighted credit at the high school.

Career and College Promise students may enroll in one of the four College Transfer Pathway and one CTE pathway or no more than two CTE pathways. Students may only enroll in the classes listed within their pathway. No course substitutions are allowed. Changing from one pathway to another is permitted with prior written approval from the high school Principal/Home School Administrator and the College. Students will need to submit a Special Permission Request form and documentation explaining the change.

Instructions for students: Below is the list of the classes allowed for your pathway. To determine when the classes are offered, locate the online curriculum course schedule at www.blueridge.edu Select “Academics” from the top menu, then “Course Schedules” from the drop-down options.

Because Blue Ridge classes are offered at multiple times, each course has a unique “Section Number.” The Section Number is the 3-digit number following the course prefix and number (i.e. PSY-150-001) and determines the day and time the class is offered. Online classes have a section number like 201, 202, etc... A legend is provided at the start of the schedule. Once you select your classes, please alert your advisor as to your decision.

Tuition is free; however, students are responsible for fees, supplies, and textbooks.

- ACA 115 Success and Study Skills (1 SHC)
- COM 120 Intro Interpersonal Communication (3 SHC)
- MAT 110 Math Measurement & Literacy (3 SHC)
- WLD 110 Cutting Processes (2 SHC)
- WLD 112 Basic Welding Processes (2 SHC)
- WLD 115 SMAW (Stick) Plate (5 SHC)
- WLD 116 SMAW (stick) Plate/Pipe (4 SHC)
- WLD 121 GMAW (MIG) FCAW/Plate (4 SHC)
- WLD 131 GTAW (TIG) Plate (4 SHC)
- WLD 141 Symbols and Specifications (3 SHC)
- WLD 151 Fabrication I (4 SHC)
- WLD 265 Automated Welding/Cutting (4 SHC)

Total Semester Credit Hours in Program 39

Welding Technology – Basic Welding Certificate (C50420BP)

- WLD 110 Cutting Processes (2 SHC)
- WLD 112 Basic Welding Processes (2 SHC)
- WLD 117 Industrial SMAW (3 SHC)
- WLD 141 Symbols and Specifications (3 SHC)
- WLD 212 Inert Gas Welding (2 SHC)

Total Semester Credit Hours in Program 12

Welding Technology – Multiple Plate Welding Certificate (C50420EP)

- WLD 110 Cutting Processes (2 SHC)
- WLD 115 SMAW (Stick) Plate (5 SHC)
- WLD 121 GMAW (MIG) FCAW/Plate (4 SHC)
- WLD 131 GTAW (TIG) Plate (4 SHC)
- WLD 141 Symbols and Specifications (3 SHC)

Total Semester Credit Hours in Program 18

Welding Technology – Industrial Welding Certificate (C50420IP)

- WLD 115 SMAW (Stick) Plate (5 SHC)
- WLD 117 Industrial SMAW (3 SHC)
- WLD 121 GMAW (MIG) FCAW/Plate (4 SHC)
- WLD 131 GTAW (TIG) Plate (4 SHC)

Total Semester Credit Hours in Program 16

Welding Technology – Industrial Maintenance Certificate (C50420MP)

- WLD 115 SMAW (Stick) Plate (5 SHC)
- WLD 121 GMAW (MIG) FCAW/Plate (4 SHC)
- WLD 141 Symbols and Specifications (3 SHC)
- WLD 151 Fabrication I (4 SHC)

Total Semester Credit Hours in Program 16