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 offered at Blue Ridge. While most CTE courses do not transfer, a few of them will transfer to four-year schools with a “C” or higher grade and currently count as “Honors” high school credit. Beginning with the Class of 2019, transferable classes at Blue Ridge will be weighted the same as high school “AP” classes.

Career and College Promise students may enroll in one College Transfer Pathway and one CTE pathway or no more than two CTE pathways. Students may register only for 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 must submit a new application indicating the change.

Instructions for students: Below is the list of the classes for your pathway. The Blue Ridge course schedule is online at www.blueridge.edu Click “Academics” from the top menu, then “Course Schedule” from the blue menu on the right.

Compare the courses below with those on the schedule. Because classes are offered at various times, each course has a unique “Section Number.” The Section Number lets the Blue Ridge Advisor know whether you want a morning, afternoon, evening, or online class. To register for class, either complete and return this form or send an email to the Advisor listing the course(s) you would like to take. Please remember to include the Section Number. Without the section number you may be placed in a class that does not work with your schedule. Tuition is free; however, students are responsible for fees, supplies, and textbooks.

**General Education Requirements**
- ENG 111 Writing and Inquiry (3 SHC)
- MAT 143 Quantitative Literacy (3SHC)

**Major Requirements**
- BPR 111 Print Reading (2 SHC)
- MAC 121 Intro to CNC (2 SHC)
- MAC 122 CNC Turning (2 SHC)
- MAC 141 Machining Applications I (4 SHC)
- MAC 142 Machining Applications II (4 SHC)

**Other Major Requirements**
- CIS 110 Introduction to Computers (3 SHC)
- DFT 151 CAD I (3 SHC)
- DFT 154 Intro Solid Modeling (3 SHC)
- MAC 124 CNC Milling (2 SHC)
- MAC 141A Machining Appl I Lab (2 SHC)
- MAC 142A Machining Appl II Lab (2 SHC)
- MAC 151 Machining Calculations (2 SHC)

**Other Requirements**
- ACA 115 Success and Study Skills (1 SHC)

**Total Semester Credit Hours in Program** 38

### Major Requirements
- BPR 111 Print Reading (2 SHC)
- MAC 141 Machining Applications I (4 SHC)
- MAC 142 Machining Applications II (4 SHC)

### Other Major Requirements
- ISC 112 Industrial Safety (2 SHC)
- MAC 141A Machining Appl I Lab (2 SHC)
- MAC 142A Machining Appl II Lab (2 SHC)
- MAC 151 Machining Calculations (2 SHC)

**Total Semester Credit Hours in Program**: 18


### Major Requirements
- BPR 111 Print Reading (2 SHC)
- MAC 121 Intro to CNC (2 SHC)
- MAC 124 CNC Milling (2 SHC)
- MAC 141 Machining Applications I (4 SHC)
- MAC 142 Machining Applications II (4 SHC)

### Other Major Requirements
- MAC 141A Machining Appl I Lab (2 SHC)
- MAC 142A Machining Appl II Lab (2 SHC)

**Total Semester Credit Hours in Program**: 18

## Career & College Promise – Career Technical Education Pathways – Computer-Integrated Machining – CNC Turning Operator Certificate (C50210TP)

### Major Requirements
- BPR 111 Print Reading (2 SHC)
- MAC 121 Intro to CNC (2 SHC)
- MAC 122 CNC Turning (2 SHC)
- MAC 141 Machining Applications I (4 SHC)
- MAC 142 Machining Applications II (4 SHC)

### Other Major Requirements
- MAC 141A Machining Appl I Lab (2 SHC)
- MAC 142A Machining Appl II Lab (2 SHC)

**Total Semester Credit Hours in Program**: 18
### Major Requirements

- MAC 141 Machining Applications I (4 SHC)
- MAC 142 Machining Applications II (4 SHC)

### Other Major Requirements

- AUT 116 Engine Repair (3 SHC)
- AUT 116A Engine Repair Lab (1 SHC)
- MAC 141A Machining Appl I Lab (2 SHC)
- MAC 142A Machining Appl II Lab (2 SHC)
- MAC 151 Machining Calculations (2 SHC)

**Total Semester Credit Hours in Program** 18