

Manufacturing Careers Academy

INDUSTRIAL EQUIPMENT MAINTENANCE



In Partnership with



13650 Apple Harvest Dr., Martinsburg, WV 25403
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**Any BSC students entering the new program in their senior year, will be transitioned into the new Advanced Manufacturing CTE Dual Enrollment program, and begin the courses outlined for Year 1. This will only apply for the Fall of 2026 or Year 1, during the pilot phase of the project.*

***Program completion does not guarantee certification. Student outcomes vary based on performance.*

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JumpStart Your Manufacturing Career

This new early college Career and Technical Education (CTE) Dual Enrollment program, offers students an opportunity to earn high school credit, college credit, industry credentials, and essential employability skills micro-credentials. This first program provides students a direct pathway into careers in manufacturing, specifically in Industrial Equipment Maintenance. Additional programs are being planned for release in 2027. Students earn graduation credits with Berkeley County Schools and 28 college credits at Blue Ridge Community and Technical College.

All Blue Ridge Community and Technical College credit earned through this program are part of a pathway towards completion of an Associate of Applied Science degree.

Location and Transportation:

Courses are offered Monday through Friday, 8am - 10am, at the Blue Ridge Community and Technical College Technology Center. Berkeley County Schools provides transportation to participants.

Requirements:

- Juniors attending a Berkeley County Schools high school
- 2.0 GPA
- Math Accuplacer Score of 235, Math SAT score of 510, or Math ACT score of 19

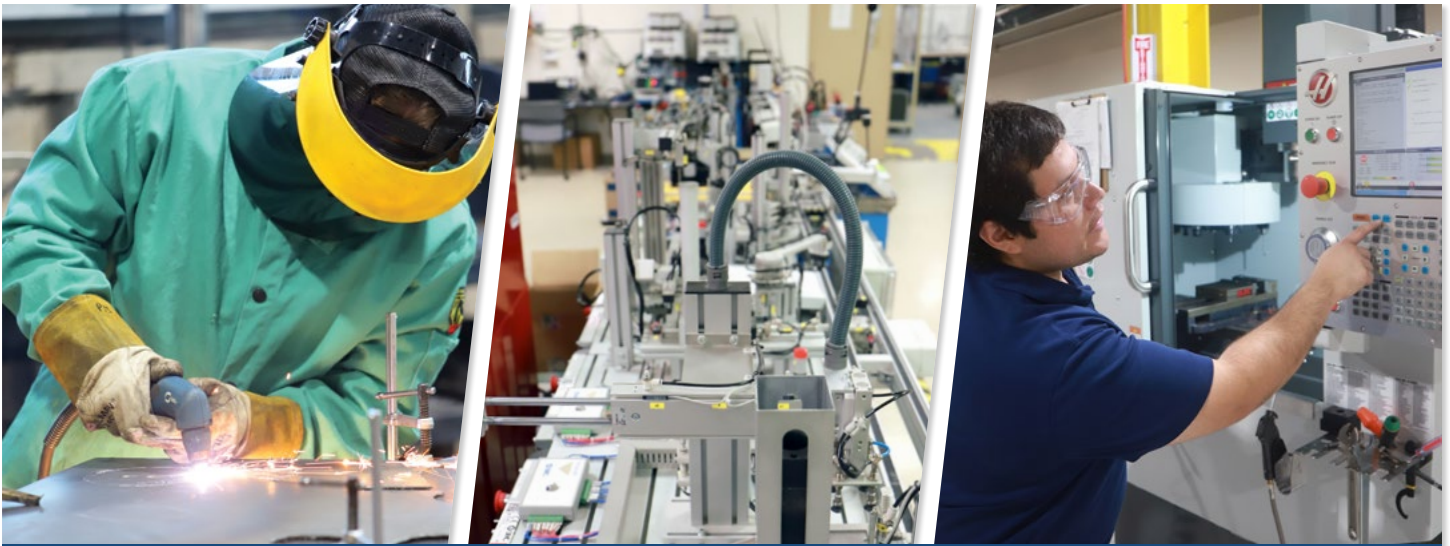
Earn 28 College Credits

Junior Year Fall		Credits
MECH 101L	Intro to Mechatronics & Lab	3
MECH 121	Safety Awareness & OSHA	2
	Workplace Learning Project	1.7

Junior Year Spring		Credits
MECH 120	Fluid Power	3
	Workplace Learning Project	3

Senior Year Fall		Credits
HET 110	Welding I	2
HET 210	Welding II	2
HET 212	Weld Certification Prep	3
	Workplace Learning Project	1.7

Senior Year Spring		Credits
MECH 106	Electricity and Electronics	2
MECH 106L	Electricity and Electronics Lab	2
MECH 110	Mechanical Systems I	3
	Workplace Learning Project	1.7



Program Outcomes

Junior and Senior Year



After High School Graduation



Entering the Workforce

- Students earn **28 college credits**
- **Students who finish the program** and take the 2074-Industrial Maintenance Mechanics NOCTI will be considered completers in the Industrial Maintenance (MA1870) program with Berkeley County Schools
- **Students have the opportunity to earn:** OSHA 10 Certification, OSHA 30 Certification, Forklift Certification, Essential Employability Skills Micro-Credentials, and AWS Welding Certification**

- Students use credits earned toward a **certificate** or **degree** program at Blue Ridge CTC
- Students **declare a major in:**
 - *Electrical Technician*
 - *Industrial Maintenance Technician*
 - *Mechatronics*
 - *Welding*
- Students **complete credits** remaining in certificate or degree OR immediately **enter the Workforce**

Successful completion of a certificate or degree pathway leads to **internship and career opportunities** in Industrial Maintenance.

How to Enroll

1. Meet with your high school counselor
2. Complete the online Blue Ridge CTC application: www.blueridgectc.edu/application
3. Attend a High School Orientation
4. Start classes!

- Select High School Program or Dual Enrollment
- Select Manufacturing



Apply Today!
Scan the QR code to begin!

For More Information:
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– or –

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