

CAPABILITY STATEMENT

Blue Ridge Community and Technical College provides workforce training customized specifically for your business. Faculty and staff develop and deliver training directly aligned with the economic and workforce demands of our region.

CAPABILITIES

Blue Ridge Community and Technical College has the capability to design curriculum to meet the changing needs of your business. By tailoring training to your specific outcomes, Blue Ridge can effectively deliver relevant, high quality customized training. In addition, college credit is awarded to all participants who successfully complete a training course.

The following lists our current capabilities by category of training:

Information Technology

- Computer Applications Training
- Computer Network Engineering
- Cyber Security

Management and Leadership

- Comprehensive Management Training
- Leadership, Coaching, and Mentoring
- Performance Management Training
- Policy and Procedure Development
- Succession Planning

Technical Training

- Automation
- Electrical Training
- Instrumentation
- Machining: CNC, Fabrication
- Mechanical and Component Training
- Plastics Engineering Technology Training
- PLC
- Quality Assurance Lab Technician
- Robotics
- Welding

Safety Training

- Electrical
- Environmental
- General Safety
- OSHA 10 & 30 Certifications
- Confined Space
- ARC Flash Safety Training

SAMPLE COURSE TOPICS *(continued on back)*

Blue Ridge Community and Technical College will analyze your individual training needs and customize a training program specifically for you. This plan may include additional topics in addition to the ones currently listed.

If you don't see the topic you're looking for, just ask and we will move towards creating a training plan customized specifically for your business.

Information Technology Training

- Adobe Animate, InDesign, and Illustrator
- A+
- AWS
- Azure
- Cisco CCNA
- Computer Networking (CCENT)
- Document Processing
- HTML
- Information Literacy
- MS Office Training: Excel, PowerPoint, Project
- Office Administration
- Podcasting
- PowerBI
- Programming in Python
- Security +
- Web Design

Management and Leadership Training

- Building and Leading Teams
- Developing, Coaching, Mentoring & Retaining Talent
- DiSC Assessment
- Emotional Intelligence
- Frontline Supervision
- Harassment, Diversity, and Inclusion
- Managing Conflict and Difficult Situations and Behaviors
- Managing Personalities & Communication Styles
- Performance Management
- Problem Solving, Brainstorming, and Critical Thinking
- Supporting, Leading and Sustaining Change
- Unconscious Bias

Contact Kim Moss for Additional Information:

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**Scan the QR Code or visit our website
for a full listing of available courses:
www.blueridgectc.edu**

SAMPLE COURSE TOPICS *(continued)*

Advanced Manufacturing Training

- 3D Printing
- Area Scanners: SICK
- Barcode Systems: Cognex
- Basic Electrical Training
- Belt Drives
- Blueprint Reading
- CAD: 2D Modeling
- CAD: 3D Modeling
- Chain Drives
- CNC: Computer Numerical Control
- CNC and Machining Work: Holding and Tooling
- CNC: Turning
- Component Training: Hand Tools and Fasters
- Database Concepts
- Dimensional Measurement
- EMR: Emergency Medical Responder
- FEA Analysis
- Forklift Training
- Gear Drives
- Geometric Dimensioning and Tolerancing
- GIS Mapping
- Grinding: Tooling
- Hand Tools
- Heat Treat Principles
- Hydraulics, Pneumatics, and Sensors
- Industrial Controls Mechanical Systems
- Inspection: Bore Gauges
- Inspection: Gauge Blocks
- Inspection: Height Gages
- Inspection: Surface Plates
- Inspection: Test Indicators
- Instrumentation: Flowmeters Electromagnetic, Coriolis, Differential Pressure, etc.
- Instrumentation: HART Protocol
- Instrumentation: Level Elements and Calibration-Tuning Fork, Static Pressure, Radar, Ultrasonic, Level Flex
- Instrumentation: Meters and Calibrators
- Instrumentation: Pressure Transmitters E+H, Emerson
- Instrumentation: Valves
- Instrumentation: Valves Calibration, Installation, Repair
- Key Fasteners
- Laser Shaft Alignment
- Lean Manufacturing
- Light Curtain: SICK
- Lock Out Tag Out
- Machine Vision I & II: Cognex
- Machining and Fabrication
- Machining: Coolants and Oils
- Manufacturing Process and Quality Process Controls
- Material Properties
- Mechanical Fabrication
- Motor and Automation Controls
- Networking and Networking Performance and Security
- NFPA 70E Electrical Safety
- OSHA 10 and OSHA 30
- OSHA Confined Space Aid and Attendant
- OSHA Confined Space Rescue
- Plastics Engineering Technology Online Training: Paulson
- Plastics Engineering Blow Molding: Kautex EBM Simulator and Operator Training
- Plastics Engineering Injection Molding: Husky Operation and Trouble Shooting
- PLC Motion Control: Kinetix
- PLC Motor Control
- PLC Operation of Fluid Power Systems
- PLC Training: Allen Bradley, Siemens
- PLC Ethernet Communication
- Process Control
- Process Control: Loop Tuning
- Pump Operation and Rebuilding
- Relay Control
- RFID Operation and Programming
- Rigging: Various Types
- Robotics: ABB, Fanuc, Kuka Instructor Certifications
- Robotics: ABB Electrical, Mechanical Maintenance
- Robotics: ABB Programming & Robot Studio
- Robotics: Fanuc Mechanical & Electrical Maintenance
- Robotics: Fanuc Programming, Electrical, Mechanical Maintenance
- Servo Drive: BOSCH, Allen Bradley
- Structural Systems
- Surveying
- Systematic Trouble Shooting
- Tolerances
- Troubleshooting: Mechanical, Electric, & Mechatronic Systems
- V-Belt Drives
- Vibrational Analysis
- Welding: Fabrication
- Welding: MIG, TIG, Stick