A-B Tech Community College - Technical Programs-Curriculum

2 Year Degrees

Accounting
Associate Degree Nursing
Automotive Systems Technology
Baking and Pastry Arts
Brewing, Distillation and Fermentation
Business Administration
Civil Engineering Technology
Computer Engineering Technology
Computer Information Technology
Computer-Aided Drafting Technology
Construction Management Technology
Criminal Justice Technology

Culinary Arts (name change)

Dental Hygiene
Diesel and Heavy Equipment Technology
Digital Media Technology
Early Childhood Associate

Electrical Systems Technology (name change)

Electronics Engineering Technology
Emergency Medical Science
Entrepreneurship
Fire Protection Technology

Healthcare Business Informatics

Hospitality Management (name change)

Human Resources Management
Human Services Technology
Industrial Systems Technology
Information Systems Security

Computer Integrated Machining (name change)

Marketing and Retailing
Mechanical Engineering Technology
Medical Assisting
Medical Laboratory Technology
Medical Office Administration
Medical Sonography
Networking Technology
Office Administration

Geomatics Technology (name change from Surveying Technology)

Radiography

Surgical Technology

Sustainability Technology

Therapeutic Massage

Veterinary Medical Technology
Web Technologies
Welding Technology

Diploma Programs

Air Cond, Heating & Refrigeration Tech.
Automotive Systems Technology
Business Administration
Construction Management - Building Construction Science
Dental Assisting
Diesel and Heavy Equipment Technology

Electrical Systems Technology (name change from above)
Foodservice Technology

Computer Integrated Machining (name change from above)

Medical Assisting
Medical Office Administration
Medical Transcription
Mobile Development
Office Administration
Pharmacy Technology
Air Conditioning and Heating - Advanced
Air Conditioning and Heating - Basic

Automotive Systems Technology - Certificate I
Automotive Systems Technology - Certificate II
Basic Law Enforcement Training

Central Sterile Processing
Computer Engineering Tech - PC and Network Maintenance
Computer Information Tech - PC Installation and Maintenance

Computer Information Tech - GIS Fundamentals
Computer Integrated Machining Technology - Basic
Computer Integrated Machining Technology -- CNC Programming

Digital Media Technology - Level 1
Digital Media Technology - Level 2
Early Childhood Certificate

Electrical Systems Tech - Electrical Wiring (name change from above)
Entrepreneurship
Esthetics Technology
Fire Protection Technology
Foodservice Technology

Geomatic Fundamentals
Medical Office Administration - Medical Coding
Mobile Web Application Developer
Networking - Basic Network Administration
Networking - CCNA Preparation
Office Administration - Word Processing/Desktop Publishing
Office Management
Phlebotomy
Web Technologies - Database Management
Web Technologies - Web Designer
Web Technologies - Geospatial Database and Web
Web Technologies - Web Programmer Level 1
Web Technologies - Web Programmer Level 2
Welding - Basic Welding I

Certificate Programs

Nursing Assistant (Combines NA I & NA II training-This is a curriculum program)

Continuing Education - Credentialled Programs (Short-Term)
MSSC - Certified Logistics Associate
MSSC - Certified Logistics Technician
CDL - Truck Driver
Fundamentals of Automated Machining
Nurse Assistant I & II
OSHA - Forklift
OSHA - 10- Hour Safety
Business of Beer I & II (Cicerone certification)
Electronic Medical Records

Continuing Education - WFD/Non-Credentialled (approved 9/23/14 and after)
Aerospace Composites Manufacturing
Blue Ridge Community College - Technical Programs: Curriculum

2 Year Degrees

Accounting
Associate Degree Nursing
Automotive Systems Technology -
Biotechnology
Brewing, Distillation and Fermentation - Brewing Equipment, Packaging & Maintenance
Business Admin conc Marketing & Ret -
Business Administration
Business Administration, Electronic Commerce
Collision Repair and Refinishing Technology
Community Spanish Interpreter
Computer Information Technology
Computer Programming
Computer-Integrated Machining
Criminal Justice
Criminal Justice Technology/Latent Evidence
Early Childhood Associate
Electronics Engineering Technology
Emergency Medical Science
Emergency Medical Science Bridge Program
Environmental Science Technology -
Film and Video Production Technology
Fire Protection technology
Horticulture Technology
Interpreter Education
Machining Technology
Mechanical Engineering Technology
Mechatronics
Networking Technology
Office Administration
Office Administration - Virtual Office Assistance
Simulation and Game Development
Surgical Technology
Web Technologies -
Welding Technology

Diploma Programs

Air Conditioning Heating and Refrigeration
Alternative Transportation Technology Diploma
Automotive Systems - Collision Repair and Refinishing
Automotive Systems Technology - Diploma
Brewing, Distillation and Fermentation - Brewing Equipment, Packaging & Maintenance Diploma
Business Admin conc Marketing & Ret-Dip
Collision Repair and Refinishing Diploma
Computer Information Technology - Diploma
Computer Programming - Diploma
Computer-Integrated Machining Diploma
Criminal Justice - Diploma
Electronics Engineering Diploma
Emergency Medical Science Diploma
Environmental Science Technology - Diploma
Fire Protection Technology - Diploma
Health Science: Therapeutic and Diagnostic Services Emergency Medical Science Diploma
Horticulture Technology - Diploma
Machining Technology - Diploma
Mechanical Engineering Technology - Diploma
Mechatronics - Diploma
Networking Technology - Diploma
Office Administration - Medical Office Diploma
Office Administration - Diploma
Office Administration/Virtual Office Assistance Diploma
Surgical Technology Diploma
Web Technologies - Diploma
Welding Technology - Diploma

Certificate Programs
AC, Htg & Refrigeration-Basic Technician Cert
AC, Htg and Refrig-Intermediate Technician Cert
Alternative Transportation Technology Certificate - Advanced Electric Drive
Alternative Transportation Technology Certificate - Alternative Fuels
Automotive Systems - Chassis Technician
Automotive Systems - Collision Repair and Refinishing
Automotive Systems - Electrical/Electronic Certificate
Automotive Systems - Engine Performance
Automotive Systems - Driveline Performance Certification
Automotive Systems- Mobile Equipment Technician
Automotive Systems - Under Car Certificate
Basic Accounting - Certificate
Business Administration - Certificate Basic
Brewing, Distillation and Fermentation-Certificate Equipment, Packaging & Maintenance Cert
Brewing, Distillation and Fermentation-Certificate Brewing Basics
Brewing, Distillation and Fermentation-Certificate Winemaking Basics
Brewing, Distillation and Fermentation-Certificate Distillation
Collision Repair and Refinishing Certificate - Insurance Estimating
Collision Repair and Refinishing Certificate - Non Structural
Collision Repair and Refinishing Certificate - Structural
Computer Programming - Certificate
Computer-Integrated Machining Certificate - CNC Turning Operator
Computer-Integrated Machining Certificate - CNC Milling Operator
Computer-Integrated Machining Certificate - Machinist - Entry
Computer-Integrated Machining Certificate - Engine Machine Shop
Criminal Justice Certificate
Early Childhood Preschool Certificate
Early Childhood Administration Certificate
Early Childhood-Infant, Toddler Specialist Certificate
Early Childhood-School Age Certificate
Early Childhood- Administration
Electronics Engineering - Advanced Certificate
Electronics Engineering - Basic Certificate
Electronics Engineering - Industrial Certificate
Environmental Science Technology - Certificate
Environmental Science Technology-Sustainability Technology Certificate
Emergency Medical Science - Certificate
Horticulture Technology-Certificate Landscape
Horticulture Technology - Landscape Design Certificate
Horticulture Technology - Landscape Management Cert
Horticulture Technology - Ornamental Plant Production Cert
Horticulture Technology - Turfgrass Management Certificate
Horticulture Technology -Certificate Small Fruits/ Specialty Crops
Mechanical Engineering Technology - Certificate - Pre-Engineering
Mechatronics Certificate - Basic Technician
Mechatronics Certificate - Maintenance Technician
Office Administration - Basic Office Certificate
Office Administration - Basic Office Bookkeeping
Office Administration - Medical Office Certificate
Office Administration/Virtual Office Assistance Certification
Phlebotomy - Certificate
Plumbing - Certificate
Simulation and Game Development - Certificate
Simulation and Game Development - Certificate Three-Dimensional Printing
Web Technologies - Certificate
Web Technologies - Basic
Web Technologies - Graphics
Web Technologies - Programming
Welding Technology - Basic Technician Certificate
Welding Technology - Intermediate Technician Certificate
Welding Technology - Certificate- Industrial Plate Welding
Welding Technology - Certificate-Industrial Pipe Welding
Welding Technology- Certificate- Manufacturer Welding
Welding Technology- Certificate-Welding Frabrication
Welding Technology-Certificate-Artist Blacksmith
Welding Technology-Certificate-Blacksmith/Welder Basic
Welding Technology-Certificate-Blacksmith-Fabrication

**Back-To-Work Certificate Programs**

ACT Career Readiness Certificate
Adobe Acrobat Certification
Adobe Certified Expert (ACE) in Design Certification
Adobe Dreamweaver Certification
Adobe Illustrator Certification
Adobe InDesign Certification
Adobe Photoshop Certification
ASE - A4 Steering & Suspension Certification
ASE - A5 Brakes Certification
ASE - A6 Electrical & Electronics Certification
ASE - A7 Heating & Air Conditioning Certification
ASE - A8 Engine Performance Certification
ASE - A9 Light Duty Diesel Certification
ASE - B2 Painting & Refinishing Certification
ASE - B3 Non Structural Analysis & Damage Repair Certification
ASE - EPA Section 609 Certification
ASE - F1 Alternative Fuels
ASE - T2 Diesel Engine Certification
ASE - X1 Exhaust Systems Certification
AutoCad 2013 Certified User
AWS - Gas Metal Arc Welding (MIG)
AWS - Gas Tungsten Arc Welding (TIG)
AWS - Manual Welding (Stick)
Craft Beer Academy - Cicerone & Basic Brewing Certification from Institute of Brewing & Distillation
Cisco - Certified Entry Networking Technician (CCENT)
Cisco - Certified Network Associate (CCNA)
CompTIA Network +
CompTIA Security +
IBD – General Brewing Certification
MSSC - Certified Logistics Associate (CLA)
MSSC - Certified Logistics Technician (CLT)
MSSC - Certified Production Associate (CPA)
MSSC - Certified Production Technician (CPT)
NIMS - Machining Level I

**Continuing Education - Credentialed Programs (Short-Term)**

Basic Law Enforcement Training (BLET)
Nursing Assistant I, II, III
BRCC Culinary Institute: ServSafe Food Safety Manager
ServSafe Training

**Continuing Education - Short-Term**

BRCC Culinary Institute: Commercial Stocks, Soups & Sauces
BRCC Culinary Institute: Introduction to Catering
BRCC Culinary Institute: Product ID from Market to Kitchen
BRCC Culinary Institute: Professional Baking & Pastry
BRCC Culinary Institute: Purchasing for Sood Service
BRCC Culinary Institute: Professional Kitchen Skills
BRCC Culinary Institute: The Cold Kitchen
BRCC Culinary Institute: Introduction to Wine Industry and Production
BRCC Culinary Institute: Restaurant Server Training