COLLEGE IN HIGH SCHOOL
2026-2027 Jefferson County

BlueRidge
COMMUNITY AND
TECHNICAL COLLEGE

JCS
JEFFERSON COUNTY SCHOOLS

ABOUT COLLEGE IN HIGH SCHOOL

Blue Ridge Community and Technical College and Jefferson County Schools have created several options for high school students to begin the college experience while in high school. With discounted college tuition, along with ease of scheduling, high school students have several options to get the "JumpStart."

THIS VIEWBOOK EXPLORES THE VARIOUS OPTIONS TO GET THE JUMPSTART.

Eligible for LevelUp Funding. See page 15 for details.

MISSION STATEMENT:

Blue Ridge Community and Technical College provides our diverse student population with life-changing education, training, and services that drive economic development within the communities we serve.

BlueRidge
COMMUNITY AND
TECHNICAL COLLEGE

www.BlueRidgeCTC.edu
304.260.4380

JumpStart Programs

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Jefferson County
Dual Credit Offerings and
College Credit Only Courses

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Enrollment

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Frequently Asked Questions

Cyber Security

Some of the greatest threats to our National Security are attacks against computers and networks. With Cyber Security, students are prepared to work frontline in a wide range of industries securing the systems. This JumpStart program will include general studies along with entry level Information Security courses.

BRCTC Course	Course Name	Credits	Jefferson County Credit
ENGL 101	English Composition I	3	English 11 or English 12
CAS 111	Information Literacy	3	2826 Computer & Information Science
SDE 188	Intro to Programming Logic	3	2831 Computer Science/Programming
CNET 111	Network Fundamentals	3	1694 Networking
**MATH 100A	Algebra Essentials	3	3052 Transition Math for Seniors
	Total Fall Credits:	**15**	

BRCTC Course	Course Name	Credits	Jefferson County Credit
ENGL 110	Technical Writing	3	4017 Technical English Language Arts
IT 185	Intro to Linux	3	1689 Linux Essentials
CYBR 101	Intro to Cyber Security	3	1418 Cybersecurity
IT 105	Computer Ethics	3	2872 Computer Science in the Modern World
MATH 105	College Algebra	3	3073 Trigonometry/Pre-Calculus/Math IV
	Total Spring Credits:	**15**	

Based on AY 26 $50/HS credit hour*, the estimated tuition and course fees for Cybersecurity: $2,160 (reflects tuition and Fee estimate for full year). Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Tuition and curriculum subject to change.** Math course selected based on ACT, SAT or placement. Student exceeding required math test score may be offered a higher level Math course, such as Math 154 Finite Math or Math 114 Probability and Statistics.

General Studies

The General Studies program offers students the foundation for a wide variety of majors at Blue Ridge CTC allowing students to direct their studies toward a career and program of study of their choosing. Courses in composition, algebra, lab science, and social studies provide a basis for ongoing academic study.

BRCTC Course	Course Name	Credits	Jefferson County Credit
ENGL 101	English Composition I	3	1/2 Senior English
MATH 114	Probability and Statistics	3	1/2 Senior Math
HIST 102	World History since 1500	3	1/2 History Elective
BIOL 101	General Biology	4	1/2 Science Elective
	Total Fall Credits:	**13**	

BRCTC Course	Course Name	Credits	Jefferson County Credit
ENGL 102	English Composition II	3	1/2 Senior English
MATH 105	College Algebra	3	1/2 Senior Math
HIST 101	World History to 1500	3	1/2 History Elective
BIOL 102	General Biology II	4	1/2 Science Elective
	Total Spring Credits:	**13**	

Based on AY 26 $50/HS credit hour*, the estimated tuition and course fees for General Studies: $1,510 (reflects tuition and Fee estimate for full year). Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books.
*Tuition and curriculum subject to change. ** Fall math course selected based on ACT/SAT/Placement test scores.

Grow Your Own Program

Grow Your Own is a jump start for students interested in entering a career in education. The program was created by the West Virginia Department of Education to help support future teachers. Jefferson County Schools has stepped forward as one of the counties fulfilling the initiative and has partnered with Blue Ridge CTC.

The Grow Your Own pathway will be offered to all Juniors. Courses will be offered with Blue Ridge CTC at NO-COST to the student.

The Grow Your Own Program does NOT pay for books

Fall Junior Year Courses

EDUC 150   Seminar in Education **IP -OR- O**
COMM 202 Fundamentals of Speech **O**

Spring Junior Year Courses

HIST 101   World History **IP**
COMM 205 Professional Communications **O**

Fall Senior Year Courses

ENGL 101   English Composition I **IP**
MATH 114   Probability and Statistics **O**
BIOL 101   General Biology I **O**
EDUC 200   Foundations of Education **IP**

Spring Senior Year Courses

ENGL 102   Writing Composition II **IP**
MATH 105   Algebra **O**
BIOL 102   General Biology II **O**
EDUC 260   Survey of Exceptional Child **IP**

O Offered Online
IP Offered In-Person

Jefferson County MedEd

Through a partnership between Blue Ridge Community and Technical College (BRCTC) and Jefferson County Schools (JCS), students have a unique opportunity to begin training for a career in healthcare during their Junior and Senior year in high school.

The MedEd program provides two pathways for students: Medical Lab Assistant or Clinical Medical Assisting. During Junior year, all students take foundation coursework to prepare to select a pathway during Senior year.

The MedEd program is provided at no cost to students. BRCTC coordinates and delivers all curriculum and instruction. Courses meet daily within Jefferson County High Schools.

Junior Year Courses

CAHS 110	Healthcare Foundations I	6.5 Credit Hours
CAHS 115	Healthcare Foundations II	6 Credit Hours

Junior Year Course Equivalencies

0711	Foundations of Health Science
0715	Advanced Principles of Health Science

Select a Path for Senior Year:

Option 1: Medical Lab Assistant

MLAS 210	Medical Lab Assistant I	6 Hours
MLAS 220	Medical Lab Assistant II	5.5 Hours

Option 2: Clinical Medical Assistant

CMAS 210	Clinical Medical Assisting I	6 Hours
CMAS 220	Clinical Medical Assisting II	5.5 Hours

Senior Year Course Equivalencies

0789	Clinical Specialties 1
0790	Clinical Specialties 2

CAHS 110: Healthcare Foundations

1 - 6.5 Credits

Course Description: This course is designed to provide foundational knowledge and skills for students interested in entering the medical field. Topics covered include Anatomy & Physiology, Medical Terminology, and how to interact with patients across different healthcare settings. Students will learn how to room a patient, obtain vital signs, perform intakes, and prepare patients for medical encounters.

CAHS 115: Healthcare Foundations

2 - 6 Credits

This course builds on the knowledge developed in Healthcare Foundations 1. Topics covered including pharmaceutical math and clinical theory related to the provision of safe, quality care. Students will have an opportunity to demonstrate these skills in laboratory and clinical environments.

MLAS 210: Medical Lab Assistant

1 - 6 Credits

Reinforcing and building on the knowledge and skills developed in the Healthcare Foundations courses, students will deepen their understanding of lab technology. Topics will focus on phlebotomy and point of care testing which will be practiced in a laboratory and clinical setting.

MLAS 220: Medical Lab Assistant

2 - 5.5 Credits

Reinforcing and building on the knowledge and skills developed in the Medical Lab Assistant 1 course, students will deepen their understanding of clinical theory as they prepare to transition to the workforce. Topics will focus on career development, diversity in the workplace, and certification exam prep. Students will reinforce skills learned throughout this program in a clinical setting.

Course Descriptions

CMAS 210: Clinical Medical Assisting

1 - 5 Credits

Reinforcing and building on the knowledge and skills developed in the Healthcare Foundations courses, students will deepen their understanding of clinical theory. Topics will focus on medication administration, injections and medical assistant procedures which will be learned and practiced in a laboratory and clinical setting.

CMAS 220: Clinical Medical Assisting 2 - 6.5 Credits

Reinforcing and building on the knowledge and skills developed in the Clinical Medical Assisting 1 course, students will deepen their understanding of clinical theory. Topics will focus on Medical Assistant procedures, office assisted procedures and Phlebotomy which will be learned in laboratory and clinical settings.

How To Register:

To participate in the MedEd program, speak with your school counselor. Registration with BRCTC occurs during the first week of classes.

Jefferson County
Dual Credit Offerings

$50 PER CREDIT HOUR
ALL COURSES REPRESENT 1/2 HIGH SCHOOL CREDIT.

Students must meet with school counselor to determine whether courses will count as required or elective credits.

ART

ART 103 Intro. To Visual Art*

BUSINESS AND MARKETING

BUSN 101 Introduction to Business
ECON 123 Contemporary Economics*

ENGLISH

ENGL 101 English Composition I*
ENGL 102 English Composition II*
COMM 202 Fundamentals of Speech*
COMM 205 Professional Communications*

MATHEMATICS

MATH 100 Math Essentials
MATH 100A Algebra Essentials
MATH 101 Intro. to Mathematics*
MATH 105 Algebra*
MATH 106 Trigonometry*
MATH 108 Pre-Calculus*
MATH 114 Elementary Probability & Stats.*
MATH 154 Finite Mathematics*

POLITICAL SCIENCE **

PSCI 100 Politics and Government*
PSCI 101 American Federal Government*

**Not a Civics Credit

SCIENCE

BIOL 101/L General Bio. Science I*
BIOL 102/L General Bio. Science II*
CHEM 127 General, Organic & Biol. Chem. I*
CHEM 128 General, Organic & Biol. Chem. II*

SOCIAL STUDIES

ECON 205 Principles of Macroeconomics*
ECON 206 Principals of Microeconomics*
GEOG 105 World Cultural Geography*
HIST 101 World History to 1500*
HIST 102 World History Since 1500*
PSYC 203 Intro. to Psychology*
SOCI 203 General Sociology*

HIGH SCHOOL ELECTIVES

IT 102 IT Fundamentals
IT 180 A+ Core 1
IT 181 A+ Core 2
CNET 121 Network+
CYBR 101 Introduction to Cybersecurity
CYBR 160 Security Fundamentals

ART 115	Drawing I
ASL 101	Sign Language I
ASL 102	Sign Language II
BIOL 120/121	Human Anatomy & Physiol.I*
BIOL 122/123	Human Anatomy & Physiol. II*
BUSN 205	Business Ethics
BUSN 231	Marketing
CAHS 140	Intro. To Healthcare
CAHS 141	Intro. To Pharmacology
CGEN 100	First Year Experience
CJST 200	Intro. To Criminal Justice System
EDET 180	Building Better Relationships
EDET 181	Conflict Resolution
EDET 201	Fundamentals of Electricity I
EDET 202	Fundamentals of Electricity II
EDUC 150	Seminar in Education
EDUC 200	Foundations of Education
ENGL 110	Tech. Writing & Comm.*
ENGL 150	Play Production*
ENGL 204	Survey of American Literature*
ENGL 208	Survey of World Literature*
GSPE 210	Fitness for Life
HIST 201	United States History to 1877*
HIST 202	United States History from 1877*
HIST 210	WV & Appalachian History*
IT 105	Computer Ethics
IT 185	Introduction to Linux
LANG 132	Japanese II
LGST 100	Intro. to Law & Legal Studies
LTEC 101	Laboratory Technician I
LTEC 102	Laboratory Technician II
LTEC 111	Laboratory Technician III
LTEC 112	Laboratory Technician IV
MAST 102	Medical Terminology
MATH 102	Technical Mathematics
MATH 207	Calculus I*
MDIA 101	Intro. To Media Studies
MDIA 102	Intro. to Adobe Photoshop
MDIA 121	Intro. to Digital Photography
MECH 101/L	Intro. to Mechatronics/Lab
MUSIC 111	Intro. to Music*
PHYS 103	General Physical Science I*
PHYS 104	General Physical Science II*
PSCI 102	State & Local Govt. Course*
SDE 188	Intro. to Programming Logic
SOCI 215	Human Relations*

*Course is part of the WV Core Coursework Transfer Agreement Program. Subject to annual update. Some courses have additional laboratory & technology fees. These courses include, but are not limited to: Allied Health Science, Information Technology, CyberSecurity, Media Studies, etc. Courses taken online are assessed an additional $50 per credit hour. Courses may have prerequisite coursework or ACT/SAT/Placement Test Scores. Prerequisites must be met in order to register.

Why Enroll?

Funding For JumpStart Programs

*LevelUp is a West Virginia state program that provides funding to high school dual enrollment for eligible tuition and fees. Students must be West Virginia residents to qualify. Funding is subject to annual program continuation year-to-year.

Eligible programs include Cyber Security and Education.

Save Time

These programs allow students to take advantage of earning both college and high school credit. In addition, transportation is available for the JumpStart program. With classes that transfer, enter college with credits that will reduce time earning your degree.

Save Money $$

Enrolling in a College in High School program saves considerable time and money.

Sample	HS Rate	BRCTC Rate	Local 4 Year University
3 credit hour course	$150	$624	$1013
Sample course is tuition only; excludes lab fees and book costs			

Enrolling into a JumpStart program can save students nearly $4,400 (tuition costs only).

*$50.00 HS rate per credit hour is set by the WVCTCS annually and may be subject to increase.
**$208/credit hour is the AY 25-26 Blue Ridge CTC per credit hour rate. May be subject to increase subsequent academic semesters.

High school students must reside in West Virginia or one of our designated Metro counties to receive the $50/credit hour rate. Students who do not meet this residency criteria are assessed at the out-of-state tuition rate.

How to Enroll:

1. Discuss scheduling options with High School Counselor
2. Meet with a Blue Ridge CTC High School Enrollment Counselor:
   Call: 304.260.4380 ext.2113
   Text: 304.398.6718
   Email: highschool@blueridgectc.edu
3. Students who would like to register for the College in the High School courses can complete the High School Programming/Dual Enrollment registration form and submit it online, in person, or via email, fax or regular mail to Blue Ridge CTC.
4. Attend High School Program Orientation and complete any required course placement testing. Class sizes are limited and may require an interview process.
5. Start Classes!

Frequently Asked Questions

Does the College report attendance?

Student attendance is collected and reported to Jefferson County Schools daily. Students are expected to regularly attend courses. Student attendance issues are reported to respective high schools for early intervention.

Are there scholarships available?

Financial assistance, in the form of scholarships, is available for JumpStart programming. An application is required and students must prove financial need. To apply for a scholarship, please contact Blue Ridge CTC's High School Enrollment Counselor:
Call: 304.260.4380 ext. 2113
Text: 304.398.6718
Email: highschool@blueridgectc.edu

What happens if I am unsuccessful in my courses?

Blue Ridge CTC provides a variety of student services to promote success within the JumpStart Programs. Students who begin falling behind are referred for tutoring assistance. If all other means have been exhausted, high school counselors work with individual students to find alternative senior scheduling solutions.

When are bills due?
Bills are due the week before courses begin each semester. Students may pay bills through BRIDGE, pay in person on campus, or pay over the phone by calling the finance office at 304.260.4380 ext. 2218.

How do I buy books?
Students can find book lists by visiting the Blue Ridge CTC Bookstore website through eCampus. Books are listed by course name and section and all course materials are displayed. Students purchasing books must ensure textbook ISBN numbers match the listing on the eCampus website.

What is a prerequisite?
A prerequisite is an academic requirement that must be satisfied before or during enrollment in a desired class. Prerequisites might include other courses, placement testing, a minimum GPA, or upper-division standing.

Why do I have to take a prerequisite course in JumpStart?
The JumpStart programs are designed to be as inclusive as possible. Prerequisite courses are included in the programs to ensure all students have a solid foundation and are not excluded due to a lack of required test scores. Exceptions to prerequisite courses may be made on a case-by-case basis.

Will 100 level courses count toward my degree?
At Blue Ridge, Math 100 and Math 100A are offered for college credit. Students can use these three credit hours as electives toward a degree at BRCTC. Students who plan to transfer must check with the receiving institution to determine if and how these courses may transfer to another school.

How/will my classes transfer from Blue Ridge CTC to another school?
JumpStart programs are designed so that students complete approximately the first year of a Blue Ridge CTC associate degree. Students who intend to transfer to another institution must be aware of the specific program requirements at the receiving institution. Students should contact the receiving institution to ask about transferability of coursework. The College also has a number of transfer agreements already in place and available for review on the Blue Ridge website.

What is the WV CORE Transfer Agreement?

The WV CORE Transfer Agreement ensures that students who transfer from an in-state, public college or university to another in-state, public college or university receives credit for specified general studies courses at the receiving institution. Many of the JumpStart courses are included in this agreement.

To read the full agreement and see a list of the CORE courses specified, please visit: www.BlueRidgeCTC.edu.

Who do I contact to see if/how my classes transfer?

Students who plan to transfer should contact the receiving institution to confirm how classes and credits will transfer to another school.

How does changing my degree program affect my credits?

Every program, regardless of school, has curriculum specific to each different major. This curriculum provides an exact list of courses required for that degree. Each program is unique. Students who change degree programs after completing courses may find they have taken courses that do not apply to the new path.

What is an articulation agreement?

Articulation agreements, also called transfer agreements, are agreements between two schools that outline what courses students may transfer with an associate degree. Blue Ridge CTC has a number of agreements in place to ensure students can easily transition after graduation.

Where can I see current articulation agreements that are already in place?

A full list of transfer agreements is available on the Blue Ridge CTC website. The College actively adds new agreements, so students should check back often.

www.blueridgectc.edu/current-students/transfer

BlueRidge

COMMUNITY AND
TECHNICAL COLLEGE

Main Campus
13650 Apple Harvest Drive
Martinsburg, WV 25403

Technology Center
5550 Winchester Ave
Martinsburg, WV 25405

Morgan County Center
109 War Memorial Drive
Berkeley Springs, WV 25411

www.BlueRidgeCTC.edu | 304.260.4380
Virtual Camups Tour: www.BlueRidgeCTC.edu/Tour