



COLLEGE *IN* HIGH SCHOOL

Partnership with

BlueRidge +

COMMUNITY AND
TECHNICAL COLLEGE



ABOUT COLLEGE IN HIGH SCHOOL

Blue Ridge Community and Technical College and Berkeley 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.

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MISSION STATEMENT:

Blue Ridge Community and Technical College is dedicated to providing a diverse student population with collaborative programs and support services to improve the quality of life and promote economic development in its service area. Its quality academic programs are learner-centered and focus on career entry, university transfer, developmental education, and workforce development.

Applied Laboratory Technician

This program is geared toward students who are interested in pursuing a career that will be hands on, quality assurance. With many local employers, ALT will help get the jumpstart on developing the skills to align with both the certificate and associate degree program. This program will allow students to complete all four levels of the lab technician training. *Completers will earn a Certificate in Applied Lab Technician and an OSHA 30-hour certification.*



BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 111	Applied Technical Writing	4	1/2 Senior English
LTEC 101	Laboratory Technician I	3	1/2 Senior Science
LTEC 111	Laboratory Technician III	3	1/2 Senior Science
CAS 111	Information Literacy	3	1/2 Elective
MATH 100	Math Essentials	3	1/2 Senior Math
Total Fall Credits:		16	

BRCTC Course	Course Name	Credits	Berkeley County Credit
COMM 205	Professional Communications	3	1/2 Senior English
LTEC 102	Laboratory Technician II	3	1/2 Senior Science
LTEC 112	Laboratory Technician IV	3	1/2 Senior Science
SOCI 215	Human Relations	3	1/2 Elective
MATH 102	Technical Mathematics	3	1/2 Senior Math
Total Spring Credits:		15	

Based on AY 16 \$25/HS credit hour, the estimated tuition and course fees for Applied Lab Technician: \$1855. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Subject to change.*

Business Administration

Every industry has the need for high level professionals who are diverse in their skills. The Business Administration program is designed for students who want to transfer to a four-year university and major in Business. This jumpstart program focuses on general studies with Introduction to Marketing and Principles of Macroeconomics.



BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 101	Written English	3	1/2 Senior English
CAHS 101	General Biological Science I	4	1/2 Senior Science
BUSN 210	Marketing	3	1/2 Elective
MATH 100	Algebra Essentials	3	1/2 Senior Math
	Total Fall Credits:	13	

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 102	Writing for Arts & Humanities	3	1/2 Senior English
CAHS 102	General Biological Science II	4	1/2 Senior Science
ECON 205	Principles of Macroeconomics	3	1/2 Elective
MATH 154	Finite Math	3	1/2 Senior Math
	Total Spring Credits:	13	

Based on AY 16 \$25/HS credit hour*, the estimated tuition and course fees for Business: \$720. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Subject to change.



Education

The Jumpstart Education track addresses introductory topics related to teaching and learning and prepares students for transfer to an upper-division program leading to professional licensure or certification. Students will complete general education courses with foundational education courses. This program is aligned with the Associate of Science degree that will directly transfer to Shepherd University.

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 101	Written English	3	1/2 Senior English
CAHS 103	General Physical Science I	4	1/2 Senior Science
EDUC 150	Seminar in Education	1	1/2 Elective
MATH 100	Algebra Essentials	3	1/2 Senior Math
	Total Fall Credits:	11	

* A two credit hour course may be added to the Fall schedule increasing to 13 credits.

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 102	Writing for Arts & Humanities	3	1/2 Senior English
CAHS 104	General Physical Science II	4	1/2 Senior Science
EDUC 200	Foundations of Education	3	1/2 Elective
MATH 101	Introduction to Mathematics	3	1/2 Senior Math
	Total Fall Credits:	13	

Based on AY 16 \$25/HS credit hour*, the estimated tuition and course fees for Education: \$725. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Subject to change.

Health Care Professionals

In the face of an aging population, new treatments and technologies, allied health careers are on the rise. Our healthcare professions jumpstart program prepares you for success in a variety of medical fields. This program acquaints the student with medical knowledge and terminology, and refines communications and life skills, social awareness, and critical and analytical thinking abilities. Within the program, this program is the first step to declaring a Hospital, Paramedicine, or Physical Therapy concentration.



BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 101	Written English	3	1/2 Senior English
CAHS 120/121	Human Anatomy & Physiology I	4	1/2 Senior Science
CAHS 140	Introduction to Healthcare	3	1/2 Elective
MATH 100	Math Essentials	3	1/2 Senior Math
Total Fall Credits:		13	

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 102	Writing for Arts & Humanities	3	1/2 Senior English
CAHS 122/123	Human Anatomy & Physiology II	4	1/2 Senior Science
CAHS 141	Introduction to Pharmacology	3	1/2 Elective
MATH 101	Introduction to Mathematics	3	1/2 Senior Math
Total Spring Credits:		13	

Based on AY 16 \$25/HS credit hour, the estimated tuition and course fees for HCP: \$720. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Subject to change.*



Electric Distribution Engineering Technology

This jumpstart program is designed to be an introductory program of the Lineworker program. Lineworkers are the first line responders who work to keep “the lights on.” Electrical Distribution Engineering is a highly sought after career path providing lifelong opportunity.

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 111	Applied Technical Writing	4	1/2 Senior English
EDET 180	Building Better Relationships	2	1/2 Elective
EDET 201	Fundamentals of Electricity I	2	1/2 Elective
CAS 111	Information Literacy	3	1/2 Elective
MATH 100	Math Essentials	3	1/2 Senior Math
Total Fall Credits:		16	

BRCTC Course	Course Name	Credits	Berkeley County Credit
COMM 205	Professional Communications	3	1/2 Senior English
EDET 181	Conflict Resolution	2	1/2 Elective
EDET 202	Fundamentals of Electricity II	2	1/2 Elective
SOCI 215	Human Relations	3	1/2 Elective
MATH 102	Technical Mathematics	3	1/2 Senior Math
Total Spring Credits:		13	

Based on AY 16 \$25/HS credit hour, the estimated tuition and course fees for EDET: \$805. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Subject to change.*

Cybersecurity

Some of the greatest threats to our National Security are attacks against computers and networks. With Cybersecurity, 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. Upon successful completion, students will be eligible to sit for three national certifications.



BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 110	Tech. Writing & Communications	3	1/2 Senior English
IT 180	A+ Hardware Essentials	3	1/2 Elective
IT 111	Info. Literacy for IT Professionals	3	1/2 Elective
CNET 121	Network +	3	1/2 Elective
MATH 100A	Algebra Essentials	3	1/2 Senior Math
Total Fall Credits:		15	

BRCTC Course	Course Name	Credits	Berkeley County Credit
COMM 202	Fundamentals of Speech	3	1/2 Senior English
IT 181	A+ Software Essentials	3	1/2 Elective
IT 105	Computer Ethics	3	1/2 Elective
CYBR 160	Security +	3	1/2 Elective
MATH 100A	Algebra	3	1/2 Senior Math
Total Spring Credits:		15	

Based on AY 16 \$25/HS credit hour*, the estimated tuition and course fees for CyberSecurity: \$1242. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. *Subject to change.

Integrated Production Technologies

Integrated Production Technologies (IPT) combines college-ready academics with authentic, hands-on projects. This program engages students in using innovative industry driven technologies to imagine and design new and improved products. Great entry-level jobs leading to challenging, high-paying careers are available across the nation for students who have the academic knowledge and technical skill sets to succeed.

IN THIS PROGRAM STUDENTS WILL:

- Refine problem-solving abilities
- Coordinate information and analyze data
- Build and maintain cyber-mechanical systems
- Invent new products and systems
- Construct working production systems
- Develop logistic solutions to real-world problems

IPT APPEALS TO STUDENTS WHO:

- Want to work with cutting edge materials and technology
- Want to apply their knowledge of math & science
- Want to create new products in energy efficient and cost-effective ways
- Are creative and frequently think...."WHAT IF?"



COURSE 1: ADVANCED TECHNOLOGY FOR DESIGN AND PRODUCTION | Fall - 11th grade

Students will use modern technologies in the design and improvement of products. Students will learn to use three-dimensional CAD software in the product creation and analysis process.

COURSE 2: SYSTEMS OF ADVANCED TECHNOLOGY | Spring - 11th grade

Students will apply the technologies found in modern clean, production environments. Students study effective and energy efficient control of pumping, conveyors, piping, pneumatic and hydraulic control systems. Students also focus on properties of materials and material testing.

COURSE 3: MECHATRONIC SYSTEMS | Fall - 12th grade

Students will design cost-effective work cells incorporating automation and robotics to improve the quality of final products. The advanced production in this course depends on the use and coordination of information, automation, network systems, vision and sensing systems.

COURSE 4: PRODUCTION OF ADVANCED PRODUCTS | Spring - 12th grade

Students will create plant designs to process and automatically assemble materials into new products. Students follow the process of developing and producing a new product from prototype to final product.

FOR MORE INFORMATION, SEE YOUR COUNSELOR.

To arrange a visit to Blue Ridge CTC, contact Brenda Neal at 304.260.4380 EXT. 2109

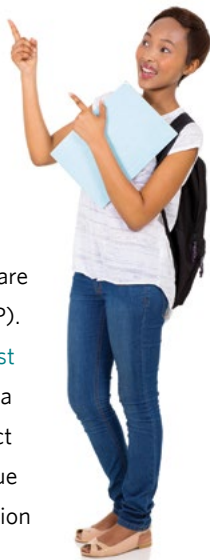
Transfer College in High School

High School students can register for any course with Blue Ridge CTC, as long as the necessary prerequisites are met. College in the High school allows students to **enroll in college level courses and receive credit** with both the High School and the College. High School students who enroll in Blue Ridge CTC receive a special tuition discount, allowing students to save both time and money while investing in their College education.

The College in the High School Course Schedule is made up of courses **specifically for High School Students**. In partnership with Berkeley County Schools, seniors may leave their home high school and attend Blue Ridge on campus programs for 6th and 7th period. This allows students to return to participate in extracurricular activities. Additional online and evening courses are also offered to accommodate student schedules.

Dual enrollment allows you to **get a jump start on your college education** before graduating from high school. English 101 and English 102 count as senior English. Psychology and American Federal Government count as a senior Social Studies course. Other courses need further approval; it is recommended to discuss options with your high school counselor.

Courses offered in the College in the High School Program are part of the State-wide Transfer Education Program (STEP). **The STEP program guarantees courses transfer to any West Virginia public institution.** Students who plan to attend a private or out-of-state College or University must contact the transfer Institution to guarantee transferability. Blue Ridge CTC is accredited by the Higher Learning Commission and is a member of the North Central Association.



Why Enroll?

Save Time

These programs allow students to take advantage of earning both College and High School credit. In addition, transportation is available for the IPT and JumpStart programs. 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. At the current rate of \$25 per credit hour*, students save \$136/per credit hour**.

Sample	HS Rate	BRCTC Rate	Local 4 Year University
3 credit hour course	\$75	\$483	\$877.50

Sample course is tuition only; excludes lab fees and book costs

Enrolling into a JumpStart program can save students nearly \$3,300 (tuition costs only).

*\$25.00 HS rate per credit hour is set by the WVCTCS annually and may be subject to increase.

** \$161/credit hour is the AY 16-17 Blue Ridge CTC per credit hour rate. May be subject to increase subsequent academic years.

How to Enroll:

1. Discuss scheduling options with High School Counselor.
2. Meet with a Blue Ridge CTC College in High School Contact:

Integrated Production Technologies:

Alan Zube, Mechatronics Program Coordinator | azube@blueridgectc.edu | Ext 3414

JumpStart Program Options:

Leslie See, VP EM | lsee@blueridgectc.edu | Ext 2107

Traditional Transfer Options:

Jennifer Barrett, Marketing Coordinator | jbarrett@blueridgectc.edu | Ext 2111

3. Students that would like to register for the College in the High School courses can complete the High School Non-Degree Seeking registration form and submit it 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!



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

Blue Ridge Community and Technical College provides opportunity to all prospective and current members of the student body, faculty, and staff on the basis of individual qualifications and merit without regard to race, color, sex, sexual preference, religion, age, national origin, sexual orientation, marital or parental status, familial status, veteran status, or disability.