

# Heritage



## COLLEGE *IN* HIGH SCHOOL

2019-2020

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.



[www.BlueRidgeCTC.edu](http://www.BlueRidgeCTC.edu)  
304.260.4380

*Students Pictured on Cover:*

*Xavier Disney, HHS, Alexis Reel, MHS, John Simon, MHS, LaToya Grimm, MHS,  
Kaitlyn King, SMHS, Britaney Jenkins, SMHS, Logan Minnett, HHS*



## Advanced Manufacturing

The Advanced Manufacturing JumpStart track is designed to prepare students for a challenging and exciting career as a high-tech problem solver. This JumpStart program aligns with four Associate of Applied Science degree programs: Mechatronics, Engineering Technology, Plastics Engineering Technology, or Heavy Equipment Technician.

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 100	English Essentials	3	1/2 Senior English
MATH 100A	Algebra Essentials	3	1/2 Senior Math
MECH 106 & 106L	Electricity and Electronics & Lab	4	1/2 Elective
CAD 201 & 201L	3D Modeling & Lab	3	1/2 Elective
<b>Total Fall Credits:</b>		<b>13</b>	

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 110	Technical Writing	3	1/2 Senior English
MATH 105	College Algebra	3	1/2 Senior Math
SOCI 203	General Sociology	3	1/2 Elective
MECH 102 & 102L	Technical Physics & Lab	4	1/2 Elective
MECH 120	Fluid Power	3	1/2 Elective
<b>Total Spring Credits:</b>		<b>16</b>	

*Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Advanced Manufacturing: \$1,265. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.*

# Agribusiness

The JumpStart Agribusiness track addresses introductory topics related to Agribusiness and prepares students for continuation into the Associate of Applied Science degree in Agribusiness. Students complete general education and introductory Agribusiness coursework. The JumpStart program is aligned with the Associate of Applied Science degree in Agribusiness that may transfer to designated four-year universities.



*Students: Ashton Lazorick, HHS, Ashley Ritt, MHS, Kala Walton, MHS*

<b>BRCTC Course</b>	<b>Course Name</b>	<b>Credits</b>	<b>Berkeley County Credit</b>
ENGL 100	English Essentials	3	1/2 Senior English
BIOL 101	General Biological Science I & Lab	4	1/2 Senior Science
AGRB 101	Agribusiness Introduction	3	1/2 Elective
MATH 100	Math Essentials	3	1/2 Senior Math
	<b>Total Fall Credits:</b>	<b>13</b>	

<b>BRCTC Course</b>	<b>Course Name</b>	<b>Credits</b>	<b>Berkeley County Credit</b>
ENGL 110	Technical Writing	3	1/2 Senior English
BIOL 102	General Biological Science II & Lab	4	1/2 Senior Science
AGRB 226	Principles of Sustainable Ag.	3	1/2 Elective
MATH 101	Intro to Mathematics	3	1/2 Senior Math
	<b>Total Spring Credits:</b>	<b>13</b>	

*Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Agribusiness: \$910. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.*



Students: Krystal Lemaster, SMHS, Rachel Lemaster, MUHS

## 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 100	English Essentials	3	1/2 Senior English
LTEC 101	Laboratory Technician I	3	1/2 Senior Science
LTEC 111	Laboratory Technician III	2	1/2 Elective
CAS 111	Information Literacy	3	1/2 Elective
MATH 100	Math Essentials	3	1/2 Senior Math
<b>Total Fall Credits:</b>		<b>14</b>	

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 110	Technical Writing	3	1/2 Senior English
LTEC 102	Laboratory Technician II	3	1/2 Senior Science
LTEC 112	Laboratory Technician IV	3	1/2 Elective
SOCI 215	Human Relations	3	1/2 Elective
MATH 102	Technical Mathematics	3	1/2 Senior Math
<b>Total Spring Credits:</b>		<b>15</b>	

Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Applied Lab Technician: \$1,015. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.



*Students: Charil Sween, HHS, Logan Fultz, MUHS, Chaney Williams, SMHS, Megan Alderman, MUHS, Trinity Johnson, MUHS, Kyle Hoover, MUHS, Katelyn Kaulfuss, HHS, Daniel Burton, HHS*

## 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.

<b>BRCTC Course</b>	<b>Course Name</b>	<b>Credits</b>	<b>Berkeley County Credit</b>
ENGL 101	Written English	3	1/2 Senior English
PHYS 103	General Physical Science I	4	1/2 Senior Science
ECON 205	Principles of Macroeconomics	3	1/2 Elective
MATH 100A	Algebra Essentials	3	1/2 Senior Math
	<b>Total Fall Credits:</b>	<b>13</b>	

<b>BRCTC Course</b>	<b>Course Name</b>	<b>Credits</b>	<b>Berkeley County Credit</b>
ENGL 102	Writing for Arts & Humanities	3	1/2 Senior English
PHYS 104	General Physical Science II	4	1/2 Senior Science
BUSN 231	Marketing	3	1/2 Elective
MATH 105	College Algebra	3	1/2 Senior Math
	<b>Total Spring Credits:</b>	<b>13</b>	

*Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Business Administration: \$910. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.*



Student: LaToya Grimm, MHS

## Culinary Arts

Culinary Arts provides practical knowledge and skills necessary for an entry level position in the food service and hospitality industry. Students will learn culinary skills based on classic French cuisine, portion control and knife skill techniques. Baking fundamentals provides the skills needed for an entry level bakery position. Students will learn scaling, measuring and mixing techniques. This program also provides a basic overview of food safety, nutrition and presentation. With completion, students can choose pathways to Baking and Pastry, Food Service Retail Management, and Culinary Arts.

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 100	English Essentials	3	1/2 Senior English
MATH 100	Math Essentials	3	1/2 Senior Math
CAS 111	Information Literacy	3	1/2 Elective
CART 100	Intro to Culinary Food Service	2	1/2 Elective
CART 245 & 245L	Cooking Fundamentals/Lecture & Lab	3	1/2 Elective

**Total Fall Credits: 14**

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 110	Technical Writing & Communications	3	1/2 Senior English
MATH 101	Intro to Mathematics	3	1/2 Senior Math
CART 212	Baking Skills & Development	4	1/2 Elective
CART 246 & 246L	Cooking Fundamentals II/Lecture & Lab	3	1/2 Elective

**Total Spring Credits: 13**

*Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Culinary: \$915. Culinary textbooks and uniform are provided. General education textbooks are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum 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 two national certifications.

*Students: Logan Richter, SMHS  
Matthew Slusher, SMHS  
Evan Stambaugh, SMHS  
Stephen Landsberger, SMHS*

<b>BRCTC Course</b>	<b>Course Name</b>	<b>Credits</b>	<b>Berkeley County Credit</b>
ENGL 100	English Essentials	3	1/2 Senior English
CYBR 101	Intro to CyberSecurity	3	1/2 Elective
CAS 111	Information Literacy	3	1/2 Elective
CNET 121	Network +	3	1/2 Elective
MATH 100A	Algebra Essentials	3	1/2 Senior Math
	<b>Total Fall Credits:</b>	<b>15</b>	

<b>BRCTC Course</b>	<b>Course Name</b>	<b>Credits</b>	<b>Berkeley County Credit</b>
ENGL 110	Technical Writing	3	1/2 Senior English
IT 185	Intro to Linux	3	1/2 Elective
IT 105	Computer Ethics	3	1/2 Elective
CYBR 160	Security +	3	1/2 Elective
MATH 105	College Algebra	3	1/2 Senior Math
	<b>Total Spring Credits:</b>	<b>15</b>	

*Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Cybersecurity: \$1,315. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum 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.

Students: Zyianna Holland, SMHS,  
Hannah Daly, MUHS,  
Samantha Blizzard, HHS,  
Hannah Schreiner, HHS



BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 101	Written English	3	1/2 Senior English
PHYS 103	General Physical Science I	4	1/2 Senior Science
EDUC 150	Seminar in Education	1	1/2 Elective
MATH 100A	Algebra Essentials	3	1/2 Senior Math
CGEN 100	First Year Experience	3	1/2 Elective

**Total Fall Credits: 14**

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 102	Writing for Arts & Humanities	3	1/2 Senior English
PHYS 104	General Physical Science II	4	1/2 Senior Science
EDUC 200	Foundations of Education	3	1/2 Elective
MATH 105	College Algebra	3	1/2 Senior Math

**Total Spring Credits: 13**

*Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Education: \$990. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.*



Students: John Simon, MHS, Donald Poole, HHS

## 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 100	English Essentials	3	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: 13**

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 110	Technical Writing	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 18 \$25/HS credit hour\*, the estimated tuition and course fees for Electric Distribution: \$1,165. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.



Students: Malik Khan, MUHS, Skylar Kave, MHS, Meghan Hess, MUHS

## 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. This program is the first step to declaring a Hospital, Paramedicine, or Physical Therapy concentration.

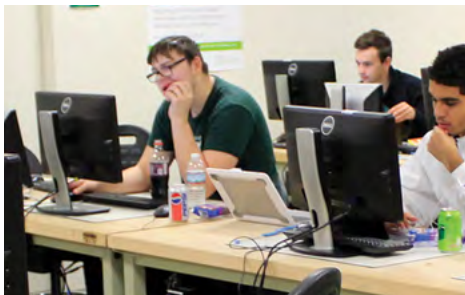
BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 101	Written English	3	1/2 Senior English
BIOL 120/121	Human Anatomy & Physiology I	4	1/2 Senior Science
CAHS 140	Introduction to Healthcare	3	1/2 Elective
MATH 100	Math Essentials	3	1/2 Senior Math
<b>Total Fall Credits:</b>		<b>13</b>	

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 102	Writing for Arts & Humanities	3	1/2 Senior English
BIOL 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
<b>Total Spring Credits:</b>		<b>13</b>	

Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Healthcare: \$910. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.

# Software Development

This program prepares students with practical skills and knowledge for entry-level positions within software engineering profession. Software engineering relates to the concept, design, implementation, deployment, and maintenance of software. The program will provide the theoretical fundamentals of software development along with the hands on practical aspects and competencies required by the industry. The program is designed to support innovation through the application of software engineering principles that provides with a solution-focused skill set to real world business needs and scenarios.



Students: Daniel Barney, MUHS,  
Zeead Belhachmi, SMHS, William LeMaster III, MUHS

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 100	English Essentials	3	1/2 Senior English
MATH 100A	Algebra Essentials	3	1/2 Senior Math
CAS 111	Information Literacy	3	1/2 Elective
SDE 188	Intro to Programming Logic	3	1/2 Elective
IT 105	Computer Ethics	3	1/2 Elective
<b>Total Fall Credits:</b>		<b>15</b>	

BRCTC Course	Course Name	Credits	Berkeley County Credit
ENGL 110	Technical Writing & Communications	3	1/2 Senior English
MATH 105	College Algebra	3	1/2 Senior Math
SDE 195	Programming in Python	3	1/2 Elective
IT 189	Operating System Fundamentals	3	1/2 Elective
SDE 193	Intro to Programming C#	3	1/2 Elective
<b>Total Spring Credits:</b>		<b>15</b>	

Based on AY 18 \$25/HS credit hour\*, the estimated tuition and course fees for Software Development: \$1,315. Books are purchased separately. The College bookstore offers several options including New, Used, Rent, and E-Books. \*Tuition and curriculum subject to change.

Why and How To Enroll  
Transfer College in High School

# 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 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. At the current rate of \$25 per credit hour\*, students save \$147/per credit hour\*\*.

Sample	HS Rate	BRCTC Rate	Local 4 Year University
3 credit hour course	\$75	\$516	\$924

*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).**

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

\*\*\$172/credit hour is the AY 18-19 Blue Ridge CTC per credit hour rate. May be subject to increase subsequent academic semesters.

## How to Enroll:

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

### **Lindsey Bordovsky**

**Call:** 304.260.4380 ext.2113

**Email:** lbordovs@blueridgectc.edu

**Text:** 304.398.6718

3. Students who 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!

# 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.

## Berkeley County Scholars Schedule

Fall Course	Days	Time	Credits
English 101	Mon/Wed <i>or</i> Tues/Thurs	1:30pm-2:45pm	1/2 English 12
Intro. to Psychology	Mon/Wed <i>or</i> Tues/Thurs	1:30pm-2:45pm	1/2 Elective

Spring Course	Days	Time	Credits
English 102	Mon/Wed <i>or</i> Tues/Thurs	1:30pm-2:45pm	1/2 English 12
American Fed. Gov't.	Mon/Wed <i>or</i> Tues/Thurs	1:30pm-2:45pm	1/2 Elective

Other courses need further approval; it is recommended to discuss options with your high school counselor.

*\* Online courses are assessed additional distance education fee of \$25 per credit hour*

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.



## Frequently Asked Questions

### **Does the College report attendance?**

Student attendance is collected and reported to Berkeley 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 are available. An application is required and students must prove financial need. To apply for a scholarship, please contact Lindsey Bordovsky: [lbordovs@blueridgectc.edu](mailto:lbordovs@blueridgectc.edu) or **304.260.4380 ext. 2113**.

### **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 Follett. 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 Follett 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, a minimum GPA, or upper-division standing. For example, the prerequisite for English 101 is English 100; English 100 must be successfully completed before enrolling in English 101.

### **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, English 100 and Math 100 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](http://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-articulation-2/transfer-articulation/](http://www.blueridgectc.edu/current-students/transfer-articulation-2/transfer-articulation/)**



# 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](http://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. This advertisement is for informational purposes only. Printed and/or electronic documents produced by the College do not constitute a contract, expressed or implied, between an applicant or student. | Viewbook Version Date: 1/2019