

Registration Information

Rising 10th, 11th, 12th
2024-2025

Lord Botetourt High School



Administrative Staff

- Principal: Beth Mast
- Assistant Principal: Sarah Beth Milko
- Assistant Principal: Jimmy Yager
- Main Office Administrative Assistant: Kerrie Peery
- Attendance Administrative Assistant: Jenni McConnaughey
- AP Office Administrative Assistant: Rachel Kickuth



School Counseling Department

- Salena Dewease - School Counselor (A-D)
- Lindsay Haniewich – School Counselor (E-K)
- Paul Craft - School Counselor (L-R)
- Jenna Drumheller - School Counselor (S-Z)
- Megan Cook- Student Assistance Program Counselor
- Rachel Beard – School Counseling Administrative Assistant/Data Steward



Review of Graduation Requirements

➤ Diploma Types

- Standard
- Advanced
- Applied Studies (IEP Team Decision)



Standard Diploma	Credits	Advanced Diploma	Credits
English	4	English	4
Math	3	Math	4
Science	3	Science	4
History	3	History	4
Health & PE	2	Health & PE	2
World Language, Fine Arts or CTE	2	World Language 3 of 1 language 2 of 2 languages	3 or 4
Economics & Personal Finance	1	Fine Arts <i>or</i> CTE	1
Electives *2 must be sequential	8	Economics & Personal Finance	1
*Must pass a career & technical education credential, or pass an AS, DE, or AP course		Electives *2 must be sequential *Must pass a career & technical education credential, or pass an AS, DE, or AP course	5
Total	26	Total	28

What is a Verified Credit?

- A verified credit is awarded for a course in which the student successfully completes the requirements of the course AND achieves a passing score on the SOL test for that course.
- Example: Pass Earth Science class & pass Earth Science SOL



Verified Credit Requirements

Reading	1
Writing	1
History	1
Science	1
Math	1
TOTAL	5

The required number of verified credits is the same for BOTH diploma types!

Verified Credit Opportunities

English	Math	History	Science
Reading 11 Writing Portfolio in 9, 10, 11	Algebra I Geometry Algebra II	World History I World History II US History	Earth Science <u>Biology</u> Chemistry

All students must take the Biology SOL, as well as 1 math SOL while in high school. Once a student has completed their verified credit requirements, they will not take any more SOL tests, even if they are enrolled in a SOL class.

MIDDLE AND HIGH
SCHOOL PROGRAM OF
STUDIES 2024-2025



B O T E T O U R T
C O U N T Y P U B L I C S C H O O L S

**The Program of
Studies is
accessible on the
BCPS website &
your student's
chromebook**

DR. JONATHAN RUSS - SUPERINTENDENT
143 POOR FARM ROAD
FINCASTLE, VA 24090



Sample Class

PRE-CALCULUS WITH TRIGONOMETRY (3230, 3230D)

Offered: JR, LB (Course is dual enrolled through Mountain Gateway or Virginia Western Community College.)

Grade Level: 10, 11, 12

Credit: 1^W (5 college credits – MTH 167)

Prerequisite(s): Completion of Algebra II or Algebra II Advanced Studies. **Students electing to take this course for dual enrollment credit MUST apply to the appropriate college and successfully meet GPA and/or placement testing requirements.**

Course Description: This course is designed to prepare students who plan to pursue college studies in mathematics, engineering, or the sciences. Successful completion of pre-calculus builds the foundation for advanced placement calculus AB/BC. The central theme of this course is functions as models of change. Each family of functions is represented symbolically, numerically, graphically, and verbally. Emphasis is placed on problem solving and real-world applications. This course presents topics in power, polynomial, rational, exponential, and logarithmic functions, systems of equations, trigonometry, and trigonometric applications, including Law of Sines and Cosines, and an introduction to conics. This course is a dual enrollment college level course. Students electing to take this course for dual enrollment credit may be charged at the beginning of the year.

English Classes

9th Grade

English 9
English 9 Advanced

10th Grade

English 10
English 10 Advanced

11th Grade

English 11
English 11 Advanced
English 11 Advanced Placement (AP)
College Composition I & II

12th Grade

English 12
English 12 Advanced
English 12 Advanced Placement (AP)
College Composition I & II

Electives

Photojournalism, Creative Writing, Literature through Film, Digital Journalism

Dual Enrollment English

- ▶ DE English 11 must be taken with
 - ▶ Dual Enrollment US History in 11th Grade
- ▶ DE English 12 must be taken with
 - ▶ Dual Enrollment Government in 12th Grade
- ▶ Dual Enrolled through Virginia Western Community College
- ▶ Tuition is determined by VWCC and paid to LBHS
- ▶ The course grade will appear on both the high school and community college transcript if a student takes it for DE credit

History Classes

9th Grade

World History I
World History I Advanced

10th Grade

World History II Advanced

11th Grade

VA & US History
VA & US History Advanced
VA & US History Dual Enrollment
VA & US History AP

12th Grade

VA & US Government
VA & US Government Advanced
US Government Dual Enrollment
US Government AP

Electives

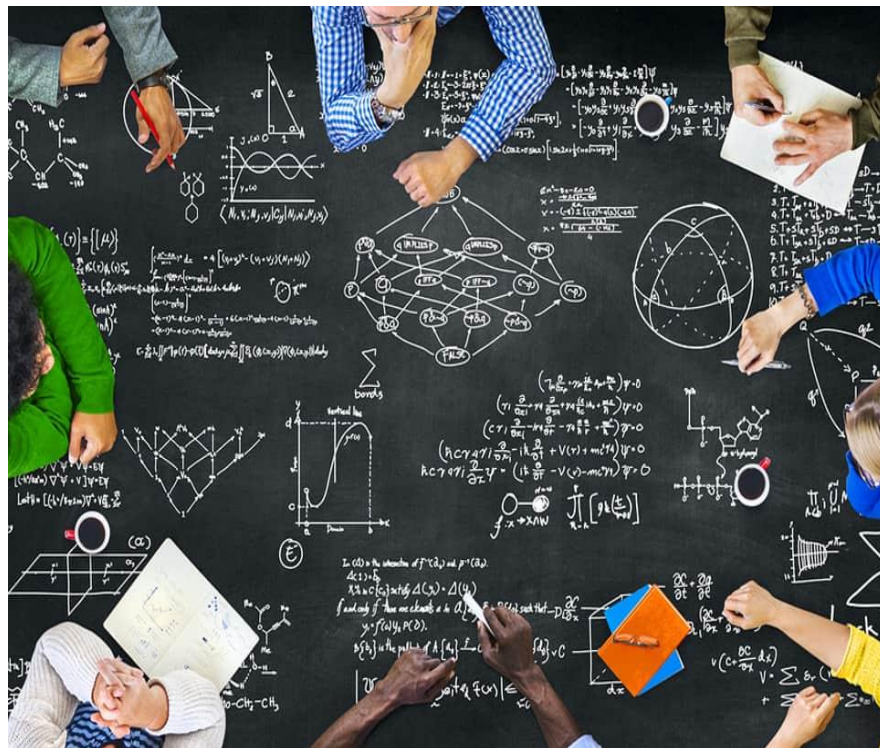
Psychology, Sociology, AP Psychology, World Religions and Religious Conflicts, American Conflicts, International Relations

Dual Enrollment Social Studies

- ▶ US History Must be taken with
 - ▶ Dual Enrollment English 11th
- ▶ US Government Must be taken with
 - ▶ Dual Enrollment Government in 12th
- ▶ Dual Enrolled through Virginia Western Community College
- ▶ Tuition is determined by VWCC and paid to LBHS
- ▶ The course grade will appear on both the high school and community college transcript if a student takes it for DE credit

Math Classes

- Algebra I
- Geometry
- Geometry AS
- Algebra, Functions, and Data Analysis
- Algebra II
- Algebra II AS
- Advanced Math with Trigonometry
- Statistical Reasoning
- DE Statistics I
- AP Statistics
- DE Pre-Calculus with Trigonometry
- DE Calculus I
- AP Calculus AB/BC



Science Classes

9th Grade

Environmental Science
Earth Science
Biology
Biology AS

10th Grade

Earth Science
Biology
Biology AS
College Biology I & II
Chemistry
Physics
Environmental Science (AP)

11th Grade

Earth Science
Biology
Biology AS
Biology II: Human Physiology & Anatomy
Biology II: Ecology
College Biology I & II
Biology AP
Chemistry
Chemistry AP
Physics
Environmental Science AP

12th Grade

Earth Science
Biology
Biology AS
Biology II: Human Physiology & Anatomy
Biology II: Ecology
College Biology I & II
Biology AP
Chemistry
Chemistry AP
Physics
Environmental Science AP

Health & Physical Education

9th Grade

Team Sports/Health 9
Lifetime Fitness & Wellness/Health
PE/Health 9 - Band students only

Health/PE 9 Summer @ the YMCA

10th Grade

Team Sports/Health 10 + Driver's Ed
Strength Training/Health + Driver's Ed
Aerobics and Dance/Health + Driver's Ed

Health/PE 10 Summer @ The YMCA

Electives

Weight Training I, II, & III

Individual and Group Lifetime Activities (11th and 12th grade)

Sports Medicine I & II - **Level II is *NEW***

Unified PE - ***NEW***

World Language

Spanish

Spanish I
Spanish II
Spanish III
Spanish IV (Dual Enrollment)
Spanish V (Dual Enrollment)

French

French I
French II
French III
French IV AP

Electives

➤ Fine Arts

- Art Foundations
- 2D Art I & II
- 3D Art I & II
- AP Studio Art
- Concert Band
- Jazz Band
- Percussion Ensemble
- Choir
- Concert Choir
- Vocal Ensemble
- Rock History and Guitar

➤ Agricultural Education

- Farm to Table Food Science
- Intro to Agriculture and Shop Technology
- Agricultural Systems
- Agriculture Production
- Agriculture Management
- Operating the Farm Business
- Small Engine Repair I
- Small Engine Repair II

Electives

➤ Business & Information Technology

- Accounting
- Be Your Own Boss
- Digital Applications
- Economics & Personal Finance
- ***Required Course for Graduation***
- Medical Systems Administration
- Microsoft Office
- Multimedia Web Design
- Principles of Business and Marketing

➤ Marketing

- Marketing
- Sports, Entertainment, and Recreation Marketing
- Advanced Sports, Entertainment, and Recreation Marketing

➤ Family & Consumer Science

- Early Childhood Development
- Individual Development and Relationships
- Introduction to Culinary Arts
- Intro to Fashion Careers
- Intro to Interior Design
- Leadership Development
- Nutrition and Wellness



Botetourt Technical Education Center

BTEC
BOTETOURT TECHNICAL EDUCATION CENTER



BTEC VIDEO

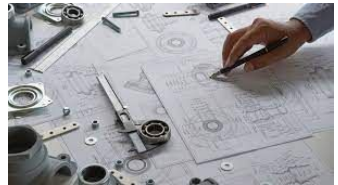


BTEC Advanced Training Programs

- Aerospace Technology
- Auto Body Technology
- Auto Service Technology
- Building Trades
- Computer Systems Technology
- Cosmetology
- Mechatronics
- Veterinary Technology



- Criminal Justice
- Nurse Aide
- Engineering
- Information Systems Technology
- Welding
- VA Teachers for Tomorrow



COSMETOLOGY 2

Electives

- Students and parents should review the Program of Studies to read about the different elective choices we offer at LBHS.
- Students will choose **3 first choice electives, and 3 alternate electives.**
- World Language classes count as an elective choice.

Electives

- Elective requests should be classes a student is excited to take, including alternate choices!
- There is always a chance a student might end up in an alternate course and they will have to take that course.
- Schedules changes will NOT be made out of a requested elective course, including alternates.

Virginia Western Community College Offers Many Dual Enrollment Options (DE)


- DE classes at LBHS
- DE classes online or on VWCC Campus
- DE Regional Academy

**VIRGINIA
WESTERN**

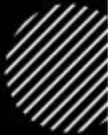

VIRGINIA WESTERN

DUAL ENROLLMENT AT VWCC

DR. KATHRYN H. BEARD
DUAL ENROLLMENT COORDINATOR



HOW DOES DUAL ENROLLMENT HELP YOU?



HEADSTART ON COLLEGE



RIGEROUS COURSES TO INCREASE YOUR ACCEPTANCE INTO MORE COMPETITIVE COLLEGES



ABLE TO EARN AN ASSOCIATE'S DEGREE WHILE IN HIGH SCHOOL, OR MANY "CORE" REQUIREMENTS FOR FOUR-YEAR COLLEGES



LESS EXPENSIVE



SAVES TIME



WEIGHTED GRADES

TYPES OF DUAL ENROLLMENT OPPORTUNITIES

REGIONAL
ACADEMY

HIGH SCHOOL
DUAL
ENROLLMENT
CLASSES

TRANSFER
ASSOCIATE'S
DEGREE

UNIFORM
CERTIFICATE OF
GENERAL STUDIES
(UCGS)

PASSPORT

INDIVIDUAL
CLASSES

CAREER STUDIES
CERTIFICATES



REGIONAL
ACADEMY

ENGINEERING

MECHATRONICS

HEALTH SCIENCES (TRANSFER)

Pre-Health (VWCC & Transfer)

Health Professions Support Services

IT Cyber Security

Air Conditioning & Refrigeration

Health Coding

Emergency Medical Technician

TRANSFER PROGRAMS

PASSPORT

16 CREDIT HOURS – GUARANTEED TO TRANSFER TO VA STATE COLLEGES AND MOST PRIVATE COLLEGES

ENG 111 (11TH GRADE ENGLISH)
BIO 101
US GOV
MATH (PRE-CALC+)
ENG LIT

UNIFORM CERTIFICATE OF GENERAL STUDIES

31 – 32 CREDIT HOURS – EQUATES TO THE "FRESHMEN" YEAR OF CORE COURSES AT MOST COLLEGES

- SDV 101*
- ENG 111 AND ENG 112
- 2 HUM/FA/LIT CLASSES
- PLS 135 (US GOV)
- BIO 101
- HIS 121 (US HIS)
- MTH 167
- 2 STUDENT SELECTED COURSES FROM LIST ON WEBSITE

ASSOCIATE'S DEGREE

60+ CREDIT HOURS (BASED ON DEGREE) – A TWO YEAR DEGREE WITH VARIOUS ARTICULATION AGREEMENTS WITH MANY COLLEGES

SDV*
ENG 111/112
BIO 101/102
MTH 167 PLUS 1 MORE DE MATH
ITE 152*
PLS 135 (US GOV)
CST 100*
HIS 121/122
ENG LITERATURE
2 HUM/FA/LIT CLASSES
4 TRANSFER COURSES



INDIVIDUAL
CLASSES
AND CTE

INDIVIDUAL CLASSES

CREDIT NUMBER VARIES

- TAKEN FOR FUN
- TO FULFILL A HS REQUIREMENT
- MAY OR MAY NOT TRANSFER TO A 4 YEAR COLLEGE
- EXPLORE PROGRAMS
- GET A "TASTE" OF COLLEGE AND WHAT IS EXPECTED
- LOTS OF REASONS


CTE PROGRAMS

WORK FOCUSED

- CREDITS VARY – USUALLY LESS THAN 16
- INTENDED TO SATISFY INDUSTRY NEEDS
- MAY NOT TRANSFER TO A 4-YEAR COLLEGE
- HELPS WITH OBTAINING LICENSES, CERTIFICATIONS

A large orange shape on the left side of the slide, consisting of a vertical rectangle on the left and a semi-circle on the right.

HOW TO PARTICIPATE

- APPLY ON-LINE TO VWCC
 - ASK YOUR SCHOOL COUNSELOR TO SUBMIT YOUR HS GPA AND MATH COMPLETION LEVEL AND GRADE
 - DE AT THE HS, WORK WITH YOUR COUNSELOR
 - DE ON CAMPUS, WORK WITH YOUR COUNSELOR AND THE DE OFFICE
- 
- A decorative yellow dashed line in the bottom right corner, consisting of several short, curved segments.

Regional Academy

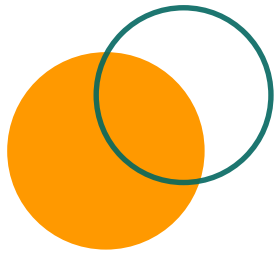
- Engineering
- Mechatronics
- Health Science
- Pre-Health
- Health Professions Support Services
- IT & Cyber Security
- Air Conditioning & Refrigeration
- Health Records Coding
- Culinary Arts:Introduction to Food Service
- Emergency Medical Technician
- Nurse Aide

**There is an application process for these programs. See your school counselor.



Roanoke Valley Governor's School for Science and Technology

- **9-12 graders are eligible to apply**
- **Research- based math and science program**
- **Students attend for ½ day in the morning, and return to LBHS in the afternoon**
- **Students must attend a parent/student RVGS informational meeting in January where you receive the application.**
- **See your school counselor if interested!**



VIRTUAL ACADEMY OVERVIEW FOR SECONDARY STUDENTS



What Does Learning Look Like?

Online and
Asynchronous

Daily Schedule
Up To You

Flexible

Highschool on
Block Schedule



Can Join School Athletic Teams



Can Attend Botetourt Technical Education Center



Must provide own midday transportation

Can Take Band and Choir in the Building



Can Take AP Art in the Building



Accessing Classes

- Canvas: the software platform or learning management system that holds our learning content
- Courses are loaded on the first day of school



What About Snow Days, Early Dismissals, and Delays?

Virtual Academy students follow the school calendar and match the in-building schedule including closings, delays, and early dismissals.

Interested?



Contact your counselor or visit the Virtual Academy website on the BCPS page under Schools.

Major Clarity



Jenna Drumheller

[Edit your profile](#)

Update your Academic and Career Plan!

<https://app.paper.co/majorclarity>

Click on **CONTINUE WITH GOOGLE**

Sign in using 1770 account email and password

The screenshot displays the user interface of the Major Clarity app. On the left is a vertical navigation menu with the following items: My Portfolio, Student Journal, Assessments, Career Exploration, **Academic Planning** (circled in red), Postsecondary Exploration, Financial Resources, Resume Builder, and Work-Based Learning. The main content area is titled '10th Grade Edit Courses' and features a grid of course selection buttons for Math, Science, English, Elective, Health & PE, and CTE. A 'World History and... 1.0 Cr' course is already added under the Science category. To the right, there are sections for '11th Grade Edit Courses' and '12th Grade Edit Courses', each with a similar grid of course selection buttons.

Schedule Changes


- Change from one course to another will be made only under the following circumstances:
 - Failure of a course which is a prerequisite for a scheduled course or a graduation requirement
 - Human or computer error
 - Change in program of studies
 - Recommendation of Administration
 - No move between course levels will be made after the 1st five weeks of a class

Registration Process

- Registration will begin the last week in October and until winter break, and shortly after we return in January.
- A copy of students' selected courses will be sent home in February for parents/guardians to review.
- Changes in initial course selection cannot be made after June 1st, 2024.

Registration Process

- Please complete the **course selection worksheet** with your parent/guardian and bring it to your one-on-one registration appointment.
- We ask for your patience - we have many students to register and we promise we'll get to you!

 **Lord Botetourt High School**
Registration Checklist 2023-2024
Rising 10th, 11th and 12th Grade

Place Label Here

English (Standard 4 & Advanced 4)

<input type="checkbox"/> English 9	<input type="checkbox"/> English 9 AS
<input type="checkbox"/> English 10	<input type="checkbox"/> English 10 AS
<input type="checkbox"/> English 11	<input type="checkbox"/> English 11 AS
<input type="checkbox"/> AP English Lang	
<input type="checkbox"/> English 12	<input type="checkbox"/> English 12 AS
<input type="checkbox"/> AP English Lit	
<input type="checkbox"/> DE English 11 I (ENG 111) & DE English 11 II (ENG 112)	
<input type="checkbox"/> DE English 12 I (ENG 243) & DE English 12 II (ENG 244)	

History (Standard 3, Advanced 4)

<input type="checkbox"/> World History & Geog I	
<input type="checkbox"/> World History & Geog I AS	
<input type="checkbox"/> World History & Geog II AS	
<input type="checkbox"/> VA & US History	<input type="checkbox"/> VA & US History AS
<input type="checkbox"/> AP US History	
<input type="checkbox"/> VA & US Govt	<input type="checkbox"/> VA & US Govt AS
<input type="checkbox"/> AP US Govt	
<input type="checkbox"/> DE US History I (HIS 121) & DE US History II (HIS 122)	
<input type="checkbox"/> DE US Govt I (PLS 135) & DE US Govt II (PLS 136)	

Math (Standard 3, Advanced 4)

<input type="checkbox"/> Algebra I		
<input type="checkbox"/> Geometry	<input type="checkbox"/> Geometry AS	<input type="checkbox"/> AFDA
<input type="checkbox"/> Algebra II	<input type="checkbox"/> Algebra II AS	
<input type="checkbox"/> Adv. Math w Trig		
<input type="checkbox"/> DE Pre-Calc w Trig (MTH 167)		
<input type="checkbox"/> DE Calculus I (MTH 263)		
<input type="checkbox"/> Statistical Reasoning		
<input type="checkbox"/> DE Statistics (MTH 245)		

Science (Standard 3, Advanced 4)

<input type="checkbox"/> Environmental Sci	
<input type="checkbox"/> Earth Science	<input type="checkbox"/> Earth Science AS
<input type="checkbox"/> Biology	<input type="checkbox"/> Biology AS
<input type="checkbox"/> AP Biology	
<input type="checkbox"/> Biology II: Ecology	<input type="checkbox"/> Biology II: Phys & Anat
<input type="checkbox"/> Chemistry	<input type="checkbox"/> Physics
<input type="checkbox"/> DE College Bio I (BIO 101) & DE College Bio II (BIO 102)	

Health & Physical Education

<input type="checkbox"/> Health PE/9	<input type="checkbox"/> Health PE/10 & Driver's Ed
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World Language (3 of 1 lang., or 2 of 2 langs.)

Spanish	I	II	III	IV	V
French	I	II	III	IV	V
Other	I	II	III	IV	V

Electives Choices (Standard 11 Electives + Seq.; Adv. 7 Electives + World Lang)
**MUST MAKE THREE SELECTIONS*

Alternate Electives
**MUST MAKE THREE SELECTIONS*

Off-Campus Classes

<input type="checkbox"/> VWCC	<input type="checkbox"/> RVGS
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