Registration Information

Rising 10th, 11th, 12th

2024-2025

Lord Botetourt High School



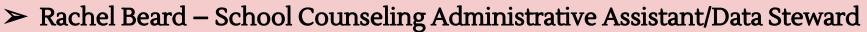
Administrative Staff

- 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





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

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



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



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

9 th Grade	10 th Grade
English 9	English 10
English 9 Advanced	English 10 Advanced

11th Grade	12 th Grade
English 11	English 12
English 11 Advance	d English 12 Advanced
English 11 Advanced Placen	nent (AP) English 12 Advanced Placement (AP)
College Composition I	& II 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

9 th Grade	10 th Grade
World History I World History I Advanced	World History II Advanced
11th Grade	12 th Grade
VA & US History VA & US History Advanced VA & US History Dual Enrollment VA & US History AP	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

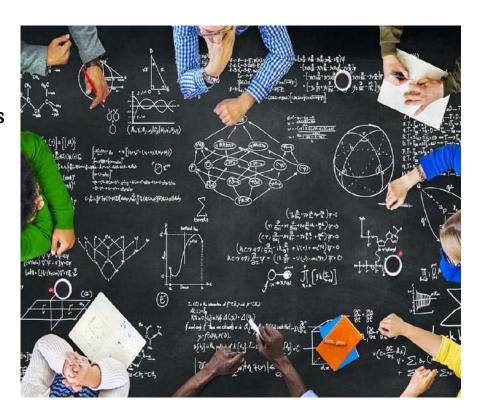
Dual Enrollment Social Studies

- ▶ 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

9 th Grade	10 th Grade
Environmental Science Earth Science Biology Biology AS	Earth Science Biology Biology AS College Biology I & II Chemistry Physics Environmental Science (AP)
11th Grade	12 th 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	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

9 th Grade	10 th Grade
Team Sports/Health 9 Lifetime Fitness & Wellness/Health PE/Health 9 - Band students only	Team Sports/Health 10 + Driver's Ed Strength Training/Health + Driver's Ed Aerobics and Dance/Health + Driver's Ed
Health/PE 9 Summer @ the YMCA	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	French
Spanish I	French I
Spanish II	French II
Spanish III	French III
Spanish IV (Dual Enrollment)	French IV AP
Spanish V (Dual Enrollment	

Electives

➤ Fine Arts

- Art Foundations
- o 2D Art I & II
- o 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
 - o 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 VIDEO

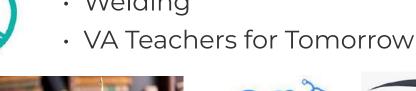
BTEC Advanced Training Programs

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





- Nurse Aide
- Engineering
- · Information Systems Technology
- Welding

















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 <u>NOT</u> 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



WESTENN 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

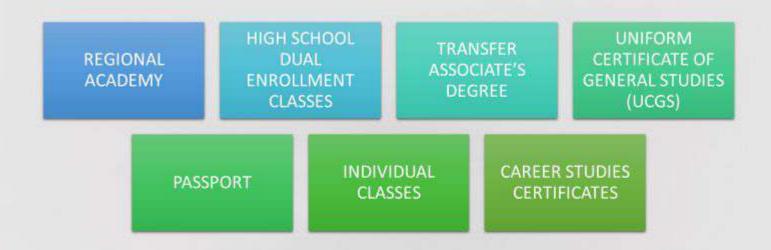


SAVES TIME



WEIGHTED GRADES

TYPES OF DUAL ENROLLMENT OPPORTUNITIES



ENGINEERING MECHATRONICS **HEALTH SCIENCES (TRANSFER)** Pre-Health (VWCC & Transfer) REGIONAL **Health Professions Support Services ACADEMY IT Cyber Security** Air Conditioning & Refrigeration **Health Coding Emergency Medical Technician**



PASSPORT

16 CREDIT HOURS - GUARANTEED TO TRANSFER TO VA STATE COLLEGES AND

MOST PRIVATE COLLEGES

ENG 111 (11™ GRADE ENGLISH) BIO 101

MATH (PRE-CALC+) **ENGUT**

US GOV

UNIFORM CERTIFICATE OF **GENERAL STUDIES**

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

ASSOCIATE'S DEGREE

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

SDV 101* ENG 111 AND ENG 112 2 HUM/FA/LIT CLASSES

PLS 135 (US GOV) 810 101 HIS 121 (USHIS)

2 STUDENT SELECTED COURSES FROM LIST ON WEBSITE

SDV*

CST 100*

BiO 101/102 MTH 167 PLUS 1 MORE DE MATH TE 152*

ENG LITERATURE

2 HUM/FA/LIT CLASSES 4 TRANSFER COURSES



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
- INTENTED TO SATISFY INDUSTRY NEEDS
- MAY NOT TRANSFER TO A 4-YEAR
- COLLEGE
- HELPS WITH OBTAINING LICENSES, CERTIFICATIONS

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

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.



- 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



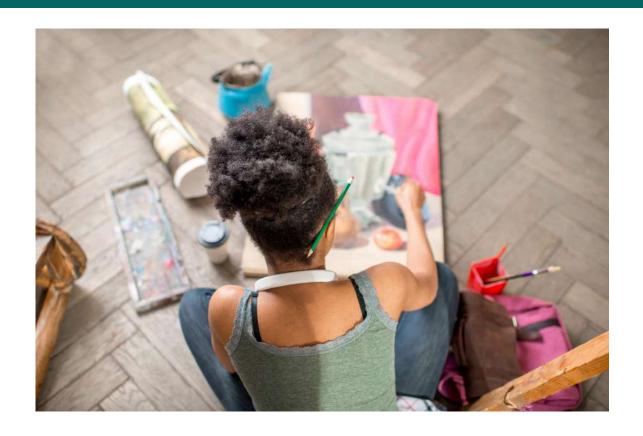
Must provide own midday transportation

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

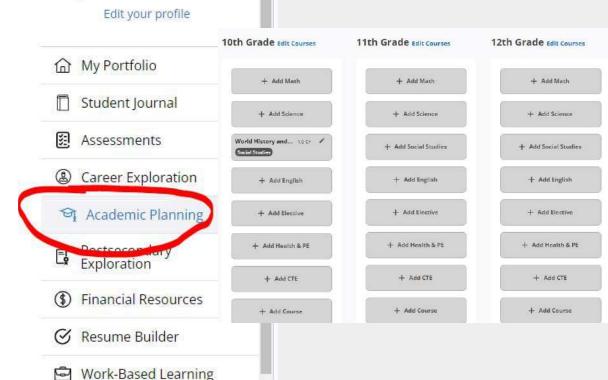
Jenna Drumheller

Update your Academic and Career Plan!

https://app.paper.co/majorclarity

Click on CONTINUE WITH GOOGLE

Sign in using 1770 account email and password



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 toreview.

> 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!

Registration Checklist 2023-2024 Riding 10th, 11th and 12th Grade	Place Label Here
English (Standard 4 & Advanced 4) English 0	Science (Standard 3, Advanced 4) Environmental Sci Earth Science Earth Science A8 Biology Biology AS AP Biology Biology II: Phys & Ana Chemistry Physics DE College Bio I (BIO 101)
Math (Standard 3, Advanced 4) Algebra I Geometry AS AFDA Algebra II Algebra II AS Adv. Math w Trig DE Pre-Calc w Trig (MTH 167) DE Calculus I (MTH 263) Statistical Reasoning DE Statistics (MTH 245)	Alternate Electives *MUST MAKE THREE SELECTIONS Off-Campus Classes VWCC RVGS