2024 - 2025

Cabell Midland Knights

Curriculum and Course Selection Guide

Grades 10 - 12

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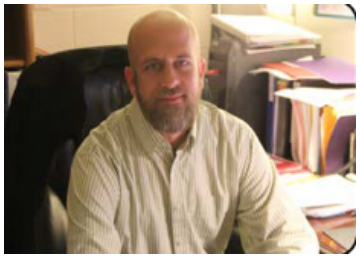

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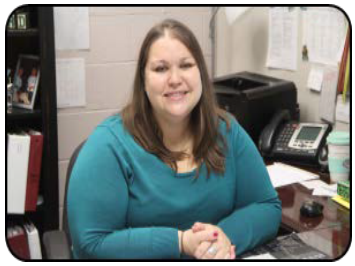

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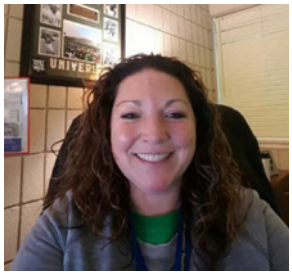

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State Policy and Scheduling Information Section

Core Requirements for Graduation

Following are the graduation requirements for students in Cabell County public high schools. Students are required to complete 24 credits to graduate. These are subject to change with WVDE Policy 2510.

Credits Required: 24

- **Math** *4 credits*
- **Science** *3 credits (4 lab science credits if planning attending a year university)*
- **English Language Arts** *4 credits*
- **Social Studies** *4 credits*
- **Physical Education** *1 credit*
- **Fine Arts** *1 credit (Theatre, Art, Dance, or Music; Some CTE courses may count for this credit. Students should talk to their counselor.)*
- **Health** *1 credit*
- **Career Concentration Courses:** *4 credits in a Career Technical Education program of study or 4 credits in a locally approvedpathway based on career interest and academy choice.*
- **Electives** *2 credits in addition to students' career concentration courses.*
- **World Languages** *2 credits of the same language if planning on attending a 4- year college.*

WVBE Policy 2315 Policy Requirements for PEP

Personalized Student Planning – Personalized student planning includes providing opportunities for students to discover their interest in emerging careers. Ongoing opportunities at all programmatic levels are provided during the school day for career exploration and self-discovery. Personalized planning allows student to develop academic skills, identify interests, maximize strengths, minimize weaknesses, set and reach personal/educational goals and realize their career aspirations. A Personalized Education Plan (hereinafter PEP) is developed collaboratively, involving students, parents/guardians and school staff.

During the 9th grade each student reviews and updates his or her PEP in collaboration with the school counselor, teachers, advisors and parents/guardians. Review of the PEP will include academic offerings, career plans, review of various interests, learning styles, career and academic assessments to guide changes to course selections.

During the 10th grade year the second phase of the PEP is developed. Students identify course selections for grades 10-12 and postsecondary plans for the first year after high school. To assist with development of the three-year PEP, the school will provide ongoing opportunities during the school day for career exploration and self-discovery. Each student's individual assessments will be reviewed to ensure academic planning maximizes individual strengths and interests. Career exploration and planning and the development of the PEP is a shared responsibility between the school counselor, teachers, advisors and parents/guardians.

The PEP is reviewed annually in grades 9-12 with the student and his or her parents/guardians and is signed and dated during each annual review conference. Students may amend his or her PEP at the end of any semester as long as it does not interfere with the completion of graduation requirements based on availability of courses.

HONORS AND AP IMPLEMENTATION GUIDE

Highly motivated students are encouraged to take honors and Advanced Placement (AP) courses while in high school. Students who register for these courses should expect an increased amount work, both in school and after school hours, as well as more complex assignments. It is important for students registering for these courses to understand the fundamental differences between the two.

How are honors courses different?

- Honors courses are developed locally by teachers to meet the needs of accelerated and motivated students.
- Honors classes move at a quicker pace than a regular education course.
- Due to the swift pace, students will be expected to complete more reading and writing assignments at home.
- Students receive a weighted grade

How are Advanced Placement (AP) courses different?

- AP courses are instructed at a collegiate level and students are expected to complete collegiate level work.
- Students are encouraged to previously take honors courses in preparation to succeed in an AP course level work. Course descriptions can be found on the College Board website in AP Central. https://apstudent.collegeboard.org/apcourse
- AP courses are reviewed and approved by the College Board.
- Students are required to take the assigned AP test in May of the school year (a cost covered by the district).
- Students who do not sit for the AP exam will not receive weighted credit.
- Students receive a weighted grade.
- Passing scores allow students to receive college credit. (see College Board website)

Caution:

If a student is not self-motivated, has attendance issues, or doesn't have the time to dedicate to the level of rigor of required in these courses, the student and parent need to consider these factors when registering for honors or AP. Parents and students need to pay close attention to the section on ***Withdrawal from Honors/AP courses.***

General Information on Honors and AP courses

Policies and Practices

- Students who have questions about honors and AP courses are encouraged to communicate with their current teacher and the teacher of record for the next course. All students are encouraged to participate in the course that is most challenging and appropriate to their post-secondary plans.
- Students are expected to be prepared for all classes due to the swift pace and collaborative learning inherent in honors and AP courses. Classes will function as a learning community.
- The most successful students build strong reading and writing habits throughout their middle school years and into high school. While teachers can teach skills, all students must possess the desire to become professionals.
- Students must enter class ready to read and/or write with any prepared materials or discussion pieces. When necessary, nightly preparedness is important to the success of the class as a whole.

WITHDRAWAL FROM HONORS AND AP COURSES

Please refer to the section regarding the expectations and requirements of “Honors” and “AP” level classes in order to choose these classes carefully. The master schedule is student driven meaning it is based on the number of students requesting a course. For this reason, **students will not be able to withdraw from honors or AP level classes**. Failure to take the AP Exam results in the AP course being removed from the student’s transcript and being replaced with a non-weighted regular course.

Advanced Placement Exam Equivalency to College Credit

AP examinations are prepared by the College Board, and the papers are graded by readers of the Educational Testing Service, Princeton, New Jersey 08540. Students cannot receive credit for a score below 3 on any exam. College equivalency can change at any time. For an updated list of possible credits earned, check with each university.

Marshall University recognizes certain examinations of the College Board Advanced Placement Program. Students who participate in the AP program and wish to have their scores evaluated for credit should have their official scores sent to Marshall University by selecting Marshall's code 5396 on the exam. To be evaluated for credit, official AP score reports must be sent directly to the Marshall University Admissions Office from the College Board. Students who do receive credit will be assigned the grade of CR which is not calculated into the GPA. All AP credit is counted as lower-division credit. See the following for required scores on specific exams.

AP Exams	Require Score	Marshall Equivalent	Credit Awarded
Art- (Studio) Drawing	3	ART 217	3
Art- 2-D Design	3	ART 214	3
Art- 3-D Design	3	ART 215	3
Art History	3	ART 112 or ART 101	3
Biology	3	BSC 104, 105	8
Biology	4	BSC 120, 121	8
Chemistry	3	CHM 203	3
Chemistry	4	CHM 211, 217	5
Chemistry	5	CHM 211, 212, 217, 218	10
Classics-Latin-Vergil	3	LAT 204	3
Classics-Latin-Literature	3	LAT 204 or 200-level	3
Computer Science A	3	IST 264	3
Computer Science Principles	3	CS 105	3
Microeconomics	3	ECN 250	3
Macroeconomics	3	ECN 253	3
English Composition & Literature	3	ENG 231	3
English Composition & Literature	4	ENG 231 and 213	6
English Language & Composition	3	ENG 101	3
English Language & Composition	4	ENG 101 and 201	6
Environmental Science	3	Elective	4

AP Exams	Required Score	Marshall Equivalent	Credit Awarded
Foreign Language, French Language	3	FRN 101, 102	6
Foreign Language, French Language	4	FRN 101, 102, 203	9
Foreign Language, German Language	3	GER 101, 102	6
Foreign Language, German Language	4	GER 101, 102, 203	9
Foreign Language, Japanese Language and Culture	3	JPN 101, 102	6
Foreign Language, Japanese Language and Culture	4	JPN 101, 102, 203	9
Foreign Language, Spanish Language	3	SPN 101, 102	6
Foreign Language, Spanish Language	4	SPN 101, 102, 203	9
Foreign Language, Spanish Literature	3	Elective	6
Geography	3	GEO 100	3
Government and Politics, American	3	PSC 104	3
Government and Politics, Comparative	3	PSC 105	3
History, American	3	HST 230 & 231	6
History, European	3	HST 102 and 103	6
History, World	3	HST 101, 102, 103 (two of the three)	6
Mathematics, Calculus AB	3	MTH 132	5
Mathematics, Calculus AB	4	MTH 130, 229	8
Mathematics, Calculus BC	3	MTH 130, 229	8
Mathematics, Calculus BC	4	MTH 229, 230	9
Music Theory	3	MUS 101	3
Music Theory	4	MUS 101, 111	5
Music Theory	5	MUS 111,112, 113	6
Physics I	3	PHY 201	3
Physics II	3	PHY 203	3
Physics II	4	PHY 201, 203	6
Physics C, Mechanics	3	PHY 211	4
Physics C, Electricity & Magnetism	3	PHY 213	4
Physics C, Electricity & Magnetism	4	PHY 211, 213	8
Psychology	3	PSY 201	3
Statistics	3	MTH 225 OR MGT 218	3

West Virginia University Advanced Placement Program (AP)

Examination	Minimum Score	Credit Hours	Course Equivalent
ART (Studio)			
Studio Art Drawing	3	3	ART 111
Studio Art-2-D Design	3 or 4	3	Open credit ART
Studio Art-2-D Design	5	3	ART 121
Studio Art-3-D Design	3	3	ART 122
ART HISTORY	3	3	ARHS 101
BIOLOGY	3	8	BIOL 101,102, 103,104
CHEMISTRY	3	8	CHEM 115, 116
CLASSICS			
Latin	3	6	CLASS 101, 102
COMPUTER SCIENCE			
Computer Science A	3	3	CS 1 AP
Computer Science AB	3	6	CS 110
Computer Science Principles	3	3	CS 1 AP
ECONOMICS			
Microeconomics	3	3	ECON 201
Macroeconomics	3	3	ECON 202
ENGLISH			
Engl. Lit. And Comp	3	3	ENGL 1 AP
Engl. Lit. and Comp	4	6	ENGL 132
Engl. Lang. and Comp	3	3	ENGL L1AP
Engl. Lang. and Comp	4	3	ENGL 101,
ENGL LANG. AND COMP	5	3	ENGL 103
ENVIRONMENTAL SCIENCE	3	4	GEOL 110/111 GEOG 110/111
FOREIGN LANGUAGE			
Chinese Lang. & Culture	3	6	CHIN 101, 102
French Language	3	6	FRCH 101, 102
French Literature	3	6	FRCH 203, 204
German Language	3	6	GER 101, 102
Italian Lang. & Culture	3	6	ITAL 101, 102

Japanese Lang. & Culture	3	6	JAPN 101, 102
Russian Lang. & Culture	3	6	RUSS 101, 102
Spanish Language	3	6	SPAN 101. 102
Spanish Literature	3	6	SPAN 203, 204
GEOGRAPHY			
Human Geography	3	3	GEOG 108
GOVERNMENT AND POLITICS	3	3	
United States	3	3	POLS 102
Comparative	3	3	POLS 101
HISTORY			
American	3	3	HIST 153
American	4	6	HIST 152, 153
European	3	3	HIST 102
World	3	3	HIST 180
World	4	6	HIST 179, 180
MATHEMATICS			
Calculus AB	3	4	MATH 129
Calculus AB	4	4	MATH 155
Calculus BC	3	4	MATH 155
Calculus BC	4	8	MATH 155, 156
Statistics	3	3	STAT 211
MUSIC			
Theory	3	Varies	To be determined by department
PHYSICS			
Physics One – Algebra Based	3	4	PHYS 101
Physics Two – Algebra Based	3	4	PHYS 102
Physics C Mechanics	3	4	PHYS 111
Physics C Elec./Magnet	3	4	PHYS 112
Psychology	3	3	PSYCH 101

Check with other universities and colleges for AP equivalent credits.

Scheduling Information

SCHEDULE CHANGES
The school administration determines the number of sections of each subject to be taught and the number of teachers needed in each discipline based on student requests. The flexibility to make changes later is minimal. Therefore, choose courses and alternate courses carefully.

THE MASTER SCHEDULE of course offerings is developed based on student needs and requests and the staffing provided. Therefore, it is very important that students and parents carefully study the course offerings and choose those that will best meet their needs.

ALTERNATE COURSES must be listed in case of scheduling conflicts. If too few students request a course, it may not be offered, and an alternate course will be selected. If students do not select alternates prior to the scheduling process, they will be placed in alternates chosen by their counselor.

COURSE AVAILABILITY is dependent upon a minimum number of students in most courses. Staff availability may necessitate these classes not being offered.

COMMUNITY SERVICE REQUIREMENT
Students shall complete a minimum of ten hours of approved community service for graduation. Documentation is required to be submitted to the student's counselor.

Course Withdrawal

If a student, with parent permission, requests to be withdrawn from a class after the 5th day of a semester, the student will receive a grade of W/F for that class, dependent upon alternate class availability and administrative approval. Any changes to the Personalized Education Plan must be signed by student, parent, and counselor with administrator permission.

The W/F will be recorded on the student's transcript and a zero will be used in computing the grade point average.

Please refer to the section regarding the expectations and requirements of "Honors" and "AP" level classes in order to choose these classes carefully. The master schedule is student driven meaning it is based on the number of students requesting a course. For this reason, **students will not be able to withdraw from honors or AP level classes**.

VIRTUAL SCHOOL

West Virginia Virtual School provides online courses for students when those courses are not available in their high school or if their schedule prevents them from taking a course associated with their college and career goals. Students who choose to take a virtual school course need to be motivated and skilled in time management in order to be successful. Seniors must complete all coursework by the last day for seniors. Courses which are on a semester status must be completed by the end of the semester.

Students shall complete year-long course requirements by the last day of school for students during the current school year. It is the students' and parents' responsibility to determine adequate progress is maintained during the course. Students failing the virtual course will be allowed to do credit recovery. Virtual school for full-time virtual students is paid for by the county. Students taking one to two classes are responsible for paying for the courses themselves unless the courses are taken due to a conflict with their schedules. For more information, please contact your counselor.

WVVS Grade Transcripts and Drop Policy

Most WVVS course providers allow a trial period during which students can drop a virtual course without penalty. The school **must** report a grade of **WNG** (Withdrawn No Grade) on the student transcript when the student drops a course on or before 28 calendar days. The school **must** record a grade of **WF** (Withdrawn Failing) for a student who drops a course **after** the 28 day drop date. Any student who does not begin the course within 10 to 14 days is at risk of being dropped from the course without warning.

The virtual course grade will be available to the school co-teacher/facilitator/mentor. The co-teacher/facilitator/mentor ensures that student grades for WV Virtual School courses are entered in the WVEIS data system. No changes can be made to the online course grade by local school personnel. Grades must be recorded by using the percentage grade issued by the online instructor. Letter grades assigned to a student's transcript must follow the WV Uniform Grading Scale.

The county is responsible for providing any textbooks and/or lab materials required by virtual courses. **Students may not be enrolled in more than two virtual courses at a time, unless they are full time virtual school. The student can only take up to nine classes brick-and-mortar and virtual combined.**

NCAA Eligibility and Virtual School

Attention student, virtual school contact, counselor and parent: If a student plans to play NCAA Division I sports, please visit the NCAA eligibility high school portal to ensure the online course is an approved NCAA credit.

Attention student, virtual school contact, counselor and parent: The NCAA reviews credit recovery occurrences on an individual basis. For this reason, credit recovery is NOT recommended for any athlete with aspirations to play Division I sports.

COLLEGE ENTRANCE EXAMS

The College entrance tests are given by two testing agencies: The College Board administers the PSAT/NMSQT SAT I and SAT II Achievement Tests, and the American College Testing Program which administers the ACT. For detailed information on the nature of these tests and the preferred testing dates see the counselors. Cabell Midland and Huntington High Schools serve as test sites for both the SAT and ACT.

ATTENTION PARENTS!

ACT AND SAT SCORES NEEDED FOR DUAL CREDIT COURSES

Students interested in registering for dual credit courses through Marshall University need to have their scores back by first day of class to be eligible for the dual credit course.

For 10th graders registering for 11th grade dual credit classes, it is recommended that the student take either test during the spring or summer prior to the beginning of school. See the dual credit score prerequisites.

PSAT TEST

The Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is a program co-sponsored by the College Board and National Merit Scholarship Corporation (NMSC). It is a standardized test that provides firsthand practice for the SAT®. It also gives you a chance to enter NMSC scholarship programs and gain access to college and career planning tools.

- PSAT National Testing Date is usually in October. This exam has no makeup dates. Students must register for exam and pay any exam fees at the time of registration.

ARMED SERVICE VOCATIONAL APTITUDE BATTERY (ASVAB)

The aptitude test is administered by representatives of the Armed Services. It is an optional test but is recommended to students to help give them an idea of their strengths and weaknesses in the aptitude for certain careers.

You Can Earn College Credit While in High School through Dual Enrollment

Advantages of Taking Dual Credit Courses

Taking college courses while in high school offers many advantages to students:

- Receive college credit for classes you have to take in high school anyway (biology, anatomy & physiology, English, history, etc.)
- Gives high school students an opportunity to experience a college class
- Gives students an opportunity to "jumpstart" their college careers
- Costs are reduced
- Cabell County provides the textbook (a significant savings most college textbooks are $150-$200+)
- Students don't have to drive to campus or purchase a parking space
- Students will be in smaller classes and have instructors that can spend more time helping them with course work, instead of being in a college lecture room with 50-100 other students
- Increased self-confidence before entering college

What You Need to Know

Before taking a dual enrollment course, there are a few things a student should know:

- Dual credit courses provide students the opportunity to earn credit both from their high school and the institution awarding the credit.
- Juniors and seniors enrolling in these classes must apply to Marshall University or WV State and have a transcript, have a 3.0 cumulative grade point average on the day of enrollment, and a letter of recommendation from the principal or school counselor.
- Freshmen and sophomores may be eligible with further requirements (see following chart). The bursar fee** will be $25 (subject to change) per credit hour. Textbooks will be provided by the district.
- These are advanced college level, required or elective courses.
- Dual enrollment courses can provide students with the opportunity to earn more than a semester of college credit while in high school.

***This price may change due to the increase of tuition by the West Virginia Higher Education Policy Commission. Payment of bursar fee must be made within 30 days after the class has commenced. Staffing for the high school courses will receive priority before college classes. Typically, a minimum of 20 students must be enrolled in the class before it will be offered.*

Additional Information

Keep the following in mind as you consider taking a dual enrollment course:

- Students who plan to attend a different college should check with that college's admission requirements to ensure that dual credit courses will transfer, either as required or elective courses.
- Students should have the ACT/SAT scores sent to the institution offering the credit, even if they do not plan to attend that institution. This will make the dual enrollment process run more smoothly.

General Education Courses Required at Marshall University (Core II)

All students at Marshall University are required to complete a set of courses (Core II Courses are 100 or 200-level courses). All of our dual enrollment courses meet these requirements. Thus, students who plan to attend Marshall University upon graduation, have the opportunity to meet many or all of these requirements before becoming a full-time student.

Dual credit courses (Mountwest, Marshall University, Fairmont State, WVU Tech, and WV State) are taken at the high school but require a fee of approximately $25 per credit hour.

Dual Enrollment Courses – Marshall University	
High School Course	**College Credit Course**
Biology 104/105	BSC 104/105 – 8 hrs
English 101/201	English 101/201 – 6 hrs
History 103 (CMHS)	History 103 – 3 hrs
Introduction to Education and the Classroom	EDF 280
Introduction to Child Development	EDF 201
Introduction to Educational Psychology	EDF 319
Introduction to Social Emotional and Behavioral Wellness	CISP 421
Music Appreciation	MUS 142 – 3 hrs
Psychology – Dual Credit	PSY 201 – 3 hrs
Speech and Oral Communication	CMM 103 – 3 hrs
Dual Enrollment Courses – WV State University	
High School Course	**College Credit Course**
Advanced Mathematical Modeling	MATH 111E – 3 hrs
College Algebra	MATH 120 – 3 hrs
Trigonometry	MATH 102 – 3 hrs
Pre-Calculus	MATH 121 – 4 hrs
Spanish 101	Spanish 101 – 3 hrs
Spanish 102	Spanish 102 – 3 hrs
Dual Enrollment Courses - Mountwest	
High School Course	**College Credit Course**
American Sign Language 1	ASL 101/102
American Sign Language 2	ASL 103/110
Dual Enrollment Courses – Fairmont State	
High School Course	**College Credit Course**
Forensic Science	FORS 2201
Dual Enrollment Courses – WVU Tech	
High School Course	**College Credit Course**
AFJROTC V	AVIA 293a and AVIA 101 – 6 hrs

Embedded Credit Offerings		
Show Choir & Integrated Physical Education Virtual Course	CMHS & HHS	Physical Education
Marching Band & Integrated Physical Education Virtual Course	CMHS & HHS	Physical Education
Dance & Integrated Physical Education Virtual Course	CMHS & HHS	Physical Education
Weight Training & Physical Education Virtual Course	CMHS & HHS	Physical Education
AJROTC/JROTC I and II	CMHS & HHS	Physical Education
Body Structures and Functions	CMHS & HHS	Advanced Human Anatomy and Physiology
AJROTC/JROTC IV	CMHS & HHS	Social Studies Elective
Foundations of Health Science and Advanced Principles of Health Science	CMHS & HHS	Health
Carpentry (Completion of four-course sequence)	CCCTC	Transition Mathematics for Seniors
HVAC Technician (Completion of four-course sequence)	CCCTC	Transition Mathematics for Seniors
Electrical Trades Technician (Completion of four-course sequence)	CCCTC	Transition Mathematics for Seniors
Machine Trades Tool Technology (Completion of four-course sequence)	CCCTC	Transition Mathematics for Seniors
Automotive Technology (Completion of four-course sequence)	CCCTC	Transition Mathematics for Seniors
Coding, App, and Game Design (Completion of four-course sequence)	CCCTC	Computer Science and Mathematics
Collision Repair Technology (Completion of four-course sequence)	CCCTC	Technical Transition Mathematics
Law and Public Safety (Completion of four-course sequence)	CCCTC	Transition ELA for Seniors
Welding (Completion of four-course sequence)	CCCTC	Transition Mathematics for Seniors
Pre-Cosmetology (Completion of four-course sequence)	CCCTC	Transition ELA for Seniors

Math Courses Available by Grade Level

Depending on your previous math courses, select from the following list based on your upcoming grade level.

	Grade 9	Grade 10	Grade 11	Grade 12
Math Sequence	Algebra I	Geometry	· Algebra II · Financial Algebra**	· Advanced Mathematical Modeling · Applied Statistics** · Financial Algebra** · Introduction to Mathematical Applications** · Transition Mathematics for Seniors** · Trigonometry/Pre-Calculus · AP Math · Dual Credit Math
8th Grade: Algebra I	Geometry	Algebra II	· Trigonometry/Pre-Calculus · Dual Credit Math · AP Math	· AP Math · Dual Credit Math

Guidance Concerning Institutions of Higher Education, the NCAA, and High School Graduation Requirements:

Students should check with their specific higher education institutions regarding mathematics requirements needed for admission.

**Students are responsible for verifying that their course selection will support their eligibility as student-athletes as defined by the NCAA. The NCAA does not recognize Transition Mathematics and Financial Algebra as credit-bearing courses for admission.

Jump Start.

www.mctc.edu/jump-start

1 Mountwest Way, Huntington WV 25701

Interested in taking college courses in high school?

About Jump Start

Mountwest Community and Technical College in partnership with local county schools has created pathways for high school students to begin the college experience while in high school. With reduced tuition costs, students can attend college for a significant savings. The college schedule is built into the regular school day and transportation will be provided if needed.

Benefits of the Program

- Students will take college courses at a significantly reduced rate.
- Students will earn their high school credits and college credits simultaneously.
- Students can earn up to 24 college credit hours in their Senior Year.

Program Pathways

- Transfer Studies
- Information Technology
- Healthcare Professions
- Electronics Technology

Eligibility

Students must be a senior and have a minimum GPA of 2.0 or above to enroll.

Contact Information:

Sarah Dick
Dean of Liberal Arts and Transfer Studies
(304) 710-3452

Karen Horner
Director of Recruitment
(304) 710-3437

jumpstart@mctc.edu

GO FAR... close to HOME
mctc.edu

CABELL COUNTY SCHOOLS

WVDE Grow Your Own Program Pilot District—Cabell County

GROW YOUR OWN (GYO) West Virginia
TEACHING PATHWAY 2022–2023
"Creating Local Pipelines into the Profession"

The following course menu is recommended for students to exit high school with a minimum of one year of college credit toward a Bachelor's Degree in education.

Grades 9-12	*English/Language Arts (4 Courses)	*Math (4 Courses)	*Science (4 Courses)	*Social Studies (4 Courses)	*Other (4 Courses)	Required Dual Credit Core Courses for GYO WV (4 Courses)
9	» English 9	» Math I or Algebra 1	» Earth and Space Science	» World Studies or AP Social Studies	» World Languages Elective	1306 Introduction to Education and the Classroom
10	» English 10	» Math II or Geometry	» Biology or AP Biology	» U.S. Studies Comprehensive or AP U.S. History	» The Arts	1307 Introduction to Child Development
11	» English 11 or AP or Dual Credit English	» Math III or Algebra II	» Chemistry; or AP or Dual Credit Chemistry	» Civics or AP Government and Politics	» Physical Education	1308 Introduction to Educational Psychology 1309 Introduction to Social Emotional and Behavioral Wellness
12	» AP or Dual Credit English	» Dual Credit College Algebra	» Dual Credit Physical Science	» AP or Dual Credit Psychology	» Health » Other AP or Dual Credit Course	

Minimum 22 total credits required for high school graduation per WVBE Policy 2510 (some counties may require additional credits) *AP or Dual credit can replace any course

- This course menu serves as a guide for the Grow Your Own (GYO) WV Teaching Career Pathway and aligns with required course work according to WVDE Policy 2510.
- Completion of the GYO WV teaching pathway should be listed on the final transcript.
- Support for Praxis Preparation (practice tests and financial support to cover costs of tests).

"Grow Your Own (GYO) West Virginia provides early exposure to the field of education and support in college to prepare for a teaching career."

Cabell County Dual-Credit Opportunities

English 101/201	Math Modeling	Personal Health & Wellness
Communication Studies	College Algebra	Spanish 101/102
Intro to Athletic Training	Trigonometry	Forensic Science
History 103 and 231	Pre-Calculus	MCTC Jump Start Program

Marshall University also offers online college courses for high school students!

Cabell County students also have the opportunity to earn college credits by passing exams at the end of their Advanced Placement courses.

Check your high school's course handbook to see which AP courses are available to you!

ATHLETIC ELIGIBILITY

ATHLETICS WVSSAC ELIGIBILITY RULE (127-2-6.1) (updated 12/30/16)

http://www.wvssac.org/rules-and-regulations/

§126-26-3. Eligibility.

- In order to participate in the extracurricular activities to which this policy applies, a student must meet all state and local attendance requirements and:

Maintain a 2.0 average.

- A 2.0 average is defined as a grade-point average (GPA) of 2.0 or better on a scale where an "A" mark earns 4 points, a "B" is awarded 3 points, a "C" is worth 2 points, a "D" is given a value of 1 point, and an "F" is worth 0 points.
- In computing a student's "grade-point average" (GPA) for purposes of this policy, all subjects undertaken by the student and for which a final grade is recorded are to be considered. Athletic practice may not be counted as a subject. The total number of classes taken is divided into the total number of "grade points" earned to determine the GPA. Classes for which a pass/fail is awarded will be included in computing the GPA only if the student failed the class.
- A student's eligibility will be determined for each semester by his or her GPA the previous semester (or, in schools which do not use the traditional semester approach, during the previous eighteen-week period).
- If a student does not maintain a 2.0 average for the semester, he or she will be ineligible for participation for the following semester. Students not meeting eligibility requirements shall be reviewed at the mid-point of the second semester (the nine-week point) to determine whether the student has achieved a 2.0 average.
- If a student does not earn a 2.0 average by the end of the second semester, he or she may attend summer school to raise the GPA so that he or she is eligible for participation at the beginning of the next school year. For purposes of computing the GPA after summer school, all of the student's grades from the second semester plus his or her grade from the summer school will be used to determine the GPA.
- A student who has not achieved a 2.0 GPA for the previous semester may have his or her eligibility reinstated at mid-semester if the student has attained at least a 2.0 GPA. In schools and/or counties where the traditional semester approach is not used, the nine-week point shall be utilized in place of the mid-semester.
- In the case of students with exceptionalities as set forth in West Virginia Board of Education Policy 2419, *Regulations for the Education of Students with Exceptionalities* (W. Va. 126CSR16), if grades are given, all grades received from placements in regular classrooms and special education classrooms should be included when computing the GPA. Exceptional students placed in ungraded programs will be eligible for participation in extracurricular activities if their records indicate that they are making satisfactory progress in meeting the objectives of their individualized education program (IEP).
- Students who have had a break in public school attendance for any reason may be required to establish eligibility after re-enrollment in the public school. If the county school system accepts the transfer of credits/grades earned in the non-public setting, then those credits/grades shall be used in determining academic eligibility. If the county school system does not accept the transfer of credits/grades earned in the non-public setting, then eligibility must be established after re-enrollment in the public school setting. Eligibility shall be gained at mid-semester (nine-week point) if the student has attained at least a 2.0 GPA. In schools and/or counties where the traditional semester approach is not used, the nine-week point shall be utilized in place of the mid-semester.

- Students who are entering public schools or other Secondary Schools Activities Commission (SSAC) member schools for the first time will be eligible for participation as follows:
- Students who have not earned grades that the receiving school will accept for credit upon transfer will be eligible upon enrollment and must have a 2.0 GPA at the end of the semester in which they enroll to remain eligible.
- Students who have earned grades that the receiving school will accept for credit upon transfer must have earned a 2.0 GPA in the previous semester to be eligible upon enrollment. If not eligible upon enrollment, the student shall become eligible at the mid-semester (nine-week point) if the student has attained at least a 2.0 GPA

NCAA ELIGIBILIITY REQUIREMENTS FOR STUDENT ATHLETES

Students who are interested in learning about the NCAA recruiting process or registering with the NCAA Clearinghouse for athletic purposes, they need to log in to eligibilitycenter.org and create an account. For additional information about the NCAA as an organization, history, purpose, etc., the main website is www.NCAA.com. While these websites are linked it is difficult to navigate out of the NCAA.com to the eligibilitycenter.org.

Please note: NCAA may not recognize a failing grade recovered through Cabell County's credit recovery program. In this case, it may be best for the student to retake the course and replace the failing grade. Further Note: English 12 CR is acknowledged by the NCAA. However, Transition Math for Seniors is not. See your counselor for more information on courses not meeting NCAA requirements.

DIVISION I
16 Core Courses

4	years of English.
3	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
1	year of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II
14 Core Courses

3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
2	years of additional English, mathematics or natural/physical science.
2	years of social science.
3	years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II
16 Core Courses
(2013 and After)

3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
3	years of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy).

NCAA Division I Initial-Eligibility Requirements Core Courses: (16)

- *Initial full-time collegiate enrollment before August 1, 2016:*
  - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- *Initial full-time collegiate enrollment on or after August 1, 2016:*
  - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
    - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
      - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
  - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale The sliding scale for those requirements can be found on www.eligibilitycenter.org.
  - **SAT:** critical reading and math sections.
    - Best sub score from each section is used to determine the SAT *combined* score for initial eligibility.
  - **ACT:** English, math, reading and science sections.
    - Best sub score from each section is used to determine the ACT *sum* score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter *9999* during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. *Test scores on transcripts will not be used*.**

Core Grade-Point Average:

- Only *core courses* that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- *Initial full-time collegiate enrollment before August 1, 2016:*
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
  - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- *Initial full-time collegiate enrollment on or after August 1, 2016:*
  - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
  - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

Division II Initial- Eligibility Requirements

Core Courses

- Division II currently requires 16 core courses. See the chart below.
- Beginning August 1, 2018, to become a full or partial qualifier for Division II, all college- bound student-athletes must complete the 16 core-course requirement.

Test Scores

- Division II currently requires a minimum SAT score of 820 or an ACT sum score of 68. Beginning August 1, 2018, Division II will use a sliding scale to match test scores and core- course grade-point averages (GPA). The sliding scale for those requirements can be found on www.eligibilitycenter.org.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current Division II core GPA requirement is a minimum of 2.000. Division II core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test- score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum Division II core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

Core Subject Course Descriptions

English

Math

Science

Social Studies

English

English 10

This is an integrated study of literature, grammar usage, mechanics, and composition designed for high school sophomores with an emphasis on the forms of literature.
Prerequisite: English 9

English 10 Honors

This course is RECOMMENDED for students planning to take Advanced placement courses in English. Starting with a prerequisite summer reading program, this course provides a strong foundation for the potential Advanced Placement English student.
Prerequisite: English 9

English 11

This is an integrated study of language arts, including literature, grammar usage, mechanics, composition, and oral communication designed for high school juniors. An emphasis will be placed upon American Literature.
Prerequisite: *English 10*

English 11 – Block

This is an integrated study of language arts, including literature, grammar usage, mechanics, composition, and oral communication designed for high school juniors. An emphasis will be placed upon American Literature and research writing.
Prerequisite: *English 10*

AP English Language and Composition

AP Language and Composition is a college level honors course in which academically mature and disciplined students are given the opportunity to obtain not only the college English credit and/or advanced placement in college English course but preparation for future college course by successfully completing the Advanced Placement exam. The course focuses on rhetoric and argumentation through reading and writing on a variety of relevant topics. AP Language begins with a prerequisite summer reading and assignments.
Prerequisite: *Completion of English 10 Honors recommended.*

English 12

This is an integrated study of language arts, including literature, grammar, usage, mechanics, composition, and oral communication designed for high school seniors. An emphasis will be placed upon British literature.
Prerequisite: *English 11*

English 12 – Block

This is an integrated study of language arts, including literature, grammar, usage, mechanics, composition, and oral communication designed for high school seniors. An emphasis will be placed upon British literature.
Prerequisite: *English 11*

Transition English Language Arts for Seniors

Transition ELA for Seniors is designed for students whose writing skills are not on grade-level. Its purpose is to develop mastery of the skills necessary to meet Career and College Readiness standards. Engagement in this rigorous course of study will assist students in attaining acceptable admissions scores for entrance into a credit-bearing college English course.

AP Literature and Composition

AP literature is a college level honors course in which academically mature and disciplined students are given the opportunity to obtain not only the college English credit and/or advanced placement in college English courses but preparation for future college courses by successfully completing the Advanced Placement test for English Literature and Composition. The course engages students in close-reading and critical analysis of imaginative literature. AP Literature begins with prerequisite preparatory readings over the summer before the course.
Prerequisite: *Completion of English 10 Honors and AP English Language recommended.*

English 101/201 Dual Credit Honors

Students enrolling in this course may apply to Marshall University if they have a transcript showing a cumulative 3.0 GPA (on a 4.0 scale) and letters of recommendation. This course provides the credit for English 12 for graduation and will also transfer to any in-state college. The focus of this honors-level writing and literature course are various types of academic reading and discourse.
Prerequisite: *English 11 and a score of 18 on the English Component of the ACT*

Technical English Language Arts

Technical English Language Arts is designed to enhance students' communication skills through relevant, industry-specific contexts for reading, writing, speaking/listening, and language. Students engage in rigorous examination of technical and career related texts through real simulated professional discourse experiences. This course is accepted by the NCAA.

Math

Geometry – Mod or Block

Explore complex geometric situations and relationships, moving towards formal mathematical arguments. Transformations are emphasized early in this course.
Prerequisite: *Algebra I*

Geometry Honors – Mod or Block

Explore complex geometric situations and relationships, moving towards formal mathematical arguments above and beyond the scope of regular Geometry. Transformations are emphasized early in this course.
Prerequisite: *Algebra I with a grade of A or B*

Algebra II – Mod or Block

Students will build on their work with linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, radical functions and to solving exponential equations using the properties of logarithms.
Prerequisite: *Geometry*

Algebra II Honors – Mod or Block

Students will build on their work with linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, radical functions and to solving exponential equations using the properties of logarithms, above and beyond the scope of regular Algebra II.
Prerequisite: *Geometry Honors with a grade of A or B*

Financial Algebra – Mod or Block

This course is designed to develop a strong foundation in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives.

Introduction to Mathematical Applications – Mod or Block

Students will solidify their quantitative literacy by enhancing numeracy and problem-solving skills as they investigate and use fundamental concepts of algebra, geometry, and statistical analysis to apply to authentic career projects and scenarios.

Transition Mathematics for Seniors – Mod or Block

This course prepares students for an entry-level credit bearing liberal studies mathematics course at the post-secondary level.

Trigonometry/Pre-Calculus

Students in this course will study relationships involving lengths of sides and angles of triangles. This course will also look at the relationships among complex numbers, vectors, and matrices. Note that this is not an honors course.
Prerequisite: *Algebra II*

Advanced Math Modeling – Mod or Block
Math 111E Dual Credit

Fourth Course Option. Primary focal points of Advanced Mathematical Modeling include the analysis of information using statistical methods and probability, modeling change and mathematical relationships, mathematical decision making in finance, and spatial and geometric modeling for decision-making. Must have taken the ACT or SAT and have a minimum GPA of 3.0 for dual credit.
Prerequisite: *Algebra II*

College Algebra – Mod or Block
Math 120 Dual Credit

Fourth Course Option. Equations and inequalities, systems of equations and inequalities, graphing, rational expressions, radical expressions, and applications of the above. Must have an ACT Math score of 21 or an SAT Math score of 500 or higher verified before the first day of class.
Prerequisite: *Algebra II*

Trigonometry Honors - Mod or Block
Math 102 Dual Credit

Fourth Course Option. Extends the Trigonometry content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math score of 23 or an SAT Math score of 540 or higher verified before the first day of class for dual credit. Trigonometry Honors/Dual Credit is a requirement for students wishing to take AP Calculus.
Prerequisite: *Algebra II Honors with a grade of A or B*

Pre-Calculus Honors - Mod or Block
Math 121 Dual Credit

Fourth Course Option. Extends the Pre-Calculus content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math score of 23 or an SAT Math score of 540 or higher verified before the first day of class for dual credit.
Prerequisite: *Trigonometry Honors with a grade of A or B*

AP Calculus AB

This course meets for a block both semesters for two credits. This is an Advanced Placement course that will receive honors credit. The course will cover differential and integral calculus. It is strongly recommended that 11th graders enrolled in this course already have a Pre-Calculus credit. Students are required to take the AP Calculus AB exam at the end of this course.
Prerequisite: *Trigonometry Honors with a grade of A or B*

AP Calculus BC

This course is a continuation of AP Calculus AB. It includes more applications of differentials, convergence, and divergence. Students are required to take the AP Calculus BC exam at the end of this course.
Prerequisite: *Advanced Placement Calculus AB*

AP Statistics

This course is primarily for college bound students. It includes probability and descriptive statistics with an introduction to inferential statistics. Computers and graphing calculators will be used to simulate probability situations. Students are required to take the AP Statistics exam at the end of this course.

Science

Biology

Required science course for 10th grade students. Topics include cellular functions, chemical nature of life, microbiology, ecology, biotechnology, and genetics. This course meets the criteria for lab credit for college entrance.

Biology Honors – Block

Honors level of the biology course for 10th grade students. Topics include cellular functions, chemical nature of life, microbiology, ecology, biotechnology, and genetics with application emphasis. Recognized by 4-year colleges as a laboratory course for college entrance.

Chemistry – Block

Study of the nature of matter and the naturally existing relationships between the types of matter. Fundamental mathematical skills, concepts, and problem-solving skills are taught, along with emphasis on experimentation. This course counts as laboratory science credit for college admission and should be taken by all students planning to attend a 4-year college.
Prerequisite: *9th grade Earth and Space Science "B" or higher Recommended*

Chemistry Honors – Block

Honors level of the chemistry course for 10th/11th grade students. Topics include study of the nature of matter and the naturally existing relationships between the types of matter. Fundamental mathematical skills, concepts, and problem-solving skills are taught, along with emphasis on experimentation and application. This course will be taught at a faster pace with more in-depth assignments. This course counts as laboratory science credit for college admission and should be taken by all students planning to attend a 4-year college.
Prerequisite: *9th grade Earth and Space Science "B" or higher Recommended*

Environmental Science

A lab Science course which builds on foundational knowledge of the chemical, physical, biological, geological processes and focuses on the natural world and man's impact on it.
Prerequisite: *Earth and Space Science, Biology Recommended*

Forensic Science

This course will utilize skills that investigators use to solve crimes. Using physics, chemistry, biology and earth science students will engage in evidence collection to interpret and analyze data to propose a case supported by evidence.
Prerequisite: *Earth and Space Science, Biology*

Forensic Science Honors
FORS 2201 Dual Credit

This course will utilize skills that investigators use to solve crimes. Using physics, chemistry, biology, and earth science students will engage in evidence collection to interpret and analyze data to engage in real crimes. Students will be expected work in a class that is project based where they will model real crimes.
Prerequisites: *Biology Honors, Chemistry Honors Recommended*

Human Anatomy and Physiology – Mod and Block

Counts as a laboratory science credit for college admission. This is a suggested 4th course for students interested in health occupations.
Prerequisite: *Biology, Chemistry Recommended*

Human Anatomy and Physiology Honors – Mod and Block

Counts as a laboratory science credit for college admission. This is a suggested 4th course for students interested in health occupations.
Prerequisite: *Biology Honors B or higher, Chemistry Honors B or higher Recommended*

Physics Honors Block

This course is intended for students planning on becoming college science majors. Topics includes concepts and experimentation in measurement, motion, forces, fluids/pressure, heat, and thermodynamics. This course counts as laboratory science credit for college admission.
Prerequisite: *Algebra II, Trigonometry Recommended*

AP Biology

AP Biology is equivalent to introductory college biology for science and health care majors. Topics include biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, ecology, plants, animals, and taxonomy. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.
Prerequisite: *Biology with a "B" or higher Recommended*

AP Chemistry

AP Chemistry is equivalent to introductory college chemistry for science and health care majors. Topics include atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.
Prerequisite: *Chemistry with a "B" or higher Recommended*

AP Environmental Science

AP Environmental Science is equivalent to introductory college environmental science. This course provides students with the principles, concepts and methodologies to understand the interrelationships of the natural world and identify and analyze environmental problems both natural and man-made. Meets every day for 45 minutes for one credit. This course counts as laboratory science credit for college admission.
Prerequisite: *Chemistry/ Biology Recommended*

AP Physics B – Block

AP Physics is equivalent to introductory college physics for science and health care majors. Topics include mechanics, fluids, thermodynamics, material behavior, waves, sound, electricity, optics, electromagnetism, relativity, and atom/quantum physics. This course counts as laboratory science credit for college admission
Prerequisite: *Algebra II, Trigonometry Recommended*

BSC 104 College Biology - BLOCK
Dual Credit for the Non-Science Major

First semester of college biology for students who are not planning a major in the science or health care fields. Topics include cells, photosynthesis, respiration, genetics, DNA, prokaryotes, viruses, protists, and plants. Offered Fall semester only. This course meets the Biological Science requirement for graduation.
Prerequisite: *3.0 GPA*

BSC 105 College Biology - BLOCK
Dual Credit for the Non-Science Major

Second semester of college biology for students who are not planning a major in the science or health care fields. Topics include systems of the body, genetics, evolution, ecology, and human immunity/diseases. Offered Spring semester only.
Prerequisite: *3.0 GPA*

Zoology

Zoology is the branch of biology that studies the animal kingdom, including the structure, embryology, evolution, classification, habits, and distribution of all animals, both living and extinct, and how they interact with their ecosystems. This would count as an elective 11th or 12th grade course.
Prerequisite: Biology

Herpetology

Study of reptiles and amphibians. Not considered a laboratory science and therefore may only be counted as a 4th science elective, does not meet NCAA requirements, does not count as a lab science.
Prerequisite: Biology

Physical Science

This Physical Science course develops core concepts from Chemistry, Physics, and Earth and Space Science. The concepts included are the Structure and Properties of Matter, Chemical Reactions, Forces and Interactions, Energy and Waves, and Electromagnetic Radiation. Students will engage in active inquiries, investigations, and hands-on activities as they demonstrate understandings, research, and laboratory skills.

Prerequisite: Earth Space Science and Biology

Geology
Dual Enrollment: GLY 100: Geologic Hazards and Earth Resources

Introductory course for non-science majors focusing on Geologic Hazards; causes, and mitigation, Climate change and its impacts; and Earth and Energy resources, their origin, development, and environmental impacts. Dual Enrollment with Marshall University for 3 credit hours.
Prerequisite: Earth Space Science and Biology

Social Studies

US Studies

Tenth Grade examines the formative years from the colonization of what would be the United States to its transformation as a dominant political and economic influence in the world at the beginning of the twentieth century.

US Studies Honors

An American History course taught as part of the Honors program to provide an integrated study of history and literature of the period. This class may be substituted for the regular 10th grade social studies class. Outside research projects are required. THIS CLASS CANNOT BE DROPPED AFTER REGISTRATION IS COMPLETED.

AP United States History

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments. making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. This course may be substituted for either U. S. Studies or U. S. Studies Comprehensive OR be taken as an elective. May be taken as a substitute for Contemporary Studies.

Contemporary Studies

Eleventh Grade Contemporary Studies examines the interactions between the United States and the world since 1914 to present day.

History 103 Dual Credit

The World Since 1850 Contemporary Studies

This course analyzes the major developments in the World from 1850 to present day. The course begins with a study of the Age of Imperialism, moving through World War I, the Interwar Period, the Great Depression, and World War II during the first semester. The second semester pertains to the shaping of the post-war power structure in the world, the Cold War, and the Information Age. Juniors may substitute this course for Contemporary Studies.
Prerequisite: *3.0 GPA*

Civics for Next Generation – Mod or Block

Designed as a culminating history class that fosters informed citizens essential to the perpetuation of the American Republic.

Psychology

Includes the study of human behavior in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, disturbance and breakdown. Outside research is required. This course is an introduction to the scientific study of behavior and mental processes. This class is designed for students who have taken US Studies and counts as an elective course.

Psychology 201 Dual Credit

This introductory course examines the principles and methods of Psychology, which is the scientific study of human cognition, affect, behavior, and relationships. This course will satisfy a required Social Studies credit for juniors (if AP U.S. History was taken as a sophomore). It will also serve as an elective for Juniors and Seniors.

AP Human Geography

AP Human Geography is a yearlong course that provides conceptual and thematic analysis of spatial relationships between human beings and the many landscapes/situations they find themselves living in. Geographers tend to be "generalists," so the class will have us learning a lot about a wide array of topics. We get to travel (through books and the internet), explore, consider, and hopefully better understand how seven billion of us live and work within the globe's various regions. Units will include: introductory geography and methods, population, migration, culture, ethnicity, language, religion, political geography, economic development, industry, agriculture, and urban geography. Special emphasis will be placed on geographic models and their applications. Case studies from around the globe will be used to provide meaning, and comparisons will be drawn to situations that exist in the United States, and within our state/locally. ADVANCED PLACEMENT EXAMINATION IS REQUIRED TO RECEIVE HONORS CREDIT. THIS TEST IS PAID FOR BY THE SCHOOL DISTRICT. This course may be taken as a 10th, 11th, or 12th grade global elective.

AP Micro/Macro Economics

Combination of two AP courses: AP Microeconomics and AP Macroeconomics. At the end of the year, students will take AP exams for both courses. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. This course can be used as a required 11th grade Social Studies credit (if AP US History was taken as a sophomore) or as an 11th grade or 12th grade global elective.

AP European History

Study of modern European History, 1450 to the present, with particular reference to the Renaissance/ Reformation, the rise of strong central governments, plus major social, economic and intellectual trends. A list of collateral reading with written commentaries will be required. ADVANCED PLACEMENT EXAMINATION IS REQUIRED FOR HONORS WEIGHTING AND IS PAID FOR BY THE DISTRICT. This course can be used as a required 10th, 11th or 12th grade Social Studies global elective.

AP Psychology

Includes the study of human behavior and cognition in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, and disturbance. Some outside research is required. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. This course can be used as a required 11th grade Social Studies credit (if AP US History was taken as a sophomore) or as an 11th or 12th grade global elective.

AP United States Government and Politics

Analytically evaluate how people behave politically. Interpret American politics and how government helps to shape public policy. Covers the design of America's political system, its structure, and how individual and group interests combine, each promoting its own agenda. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. May be taken as a substitute for Civics.

College and Career Academies

Integrating your passion with the practicality of education…

Preparing you for the real world

Whether you decide to pursue a college degree or head straight into the workforce, you need to be able to demonstrate essential 21st century skills after graduating high school. By selecting a program to join within our College and Career Academies, you will be well on your way to ensuring you are prepared for whatever you choose to pursue following graduation.

Academic and Career Academies

Our Academies, provide a school within a school structure to our building, creating a smaller learning community that provides real-world experiences with local businesses and professionals, linking schoolwork to the workplace. Regular coursework is presented within the context of the academy's focus.

Course Selection

Each of our academies offer several programs of study aligned with the career interest focus of the academy. Students will select one program of study, which is composed of 4-career interest specific electives to complete during their 4 years at CMHS. It is also important to note that in addition to their selected program of study, students can also participate in our Visual and Performing Arts programs, as well as AP and College Dual Enrollment courses. These courses are called "Global" Courses and are available to students in all academies.

Cabell Midland High School College and Career Academies

Agriscience and STEM Academy

Programs of Study:

- **Air Force JROTC**
- **Agribusiness**
- **Agricultural Mechanics**
- **Animal Systems**
- **Engineering**
- **Plant Systems**

Human and Public Services Academy

Programs of Study:

- **Broadcast Journalism**
- **Careers in Education**
- **Culinary Arts**

Health Sciences and Wellness Academy

Programs of Study:

- **Patient Care Technician**
- **Sports Medicine**
- **Personal Fitness and Wellness**
- **Electrocardiograph Technician and Phlebotomy Skills**
- **Pharmacy Technician**
- **Weight Conditioning**

Agriscience and STEM Academy

4-year plans

and

Academy Elective Course Descriptions

Agriscience and STEM Academy:

Air Force JROTC

Sample: 4-Year Plan

AFJROTC is NOT a recruiting program for the military. AFJROTC exists only to instill the values of citizenship, service to the United States, personal responsibility, and personal responsibility through education and mentoring. The AFJROTC program is a 3 to 4 academic year course of military-based instruction. The curriculum includes an introduction to aviation history, aviation and space science, college and career readiness, global studies, practical leadership, and health and wellness.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	AFJROTC I	AFJROTC II*	AFJROTC III	AFJROTC IV**
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- AFJROTC II is Dual Enrollment Course with Mount West Community and Technical College MILS 101
- AFJROTC V is a Dual Enrollment course with WVU Tech and will provide students AVIA 101 and AVIA 293A; AFJROTC V may also substitute for AFJROTC II, III, or IV.
- NOCTI Workforce Ready

*Physical Education is an embedded credit earned upon completion of AFJROTC I and AFJROTC II.

** Completion of AFJROTC I, II, III, IV fulfills a graduation requirement for Social Studies.

Agriscience and STEM Academy

Agriscience and STEM Academy:

Agribusiness

Sample: 4-Year Plan

The Agribusiness Program of Study focuses on entrepreneurial and technical skills in the broad spectrum of Agriculture, Food, and Natural Resources. Students can choose 1 of 3 Specializations in which to develop business management and marketing knowledge.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Introduction to Agriculture	Science of Agriculture	Select (1) Specialization: • Horticulture • Animal Production Management • Fundamentals of Agriculture Mechanics	
			Agriculture Experience Program*	
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- NOCTI: Production Agriculture

*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.

Agriscience and STEM Academy

Agriscience and STEM Academy:

Agricultural Mechanics

Sample: 4-Year Plan

The Agricultural Mechanics Program of Study focuses on the principles of operation and maintenance of mechanical equipment, welding fabrications, plumbing, electrical wiring, power utilization and the entrepreneurship.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Introduction to Agriculture	Fundamentals of Agriculture Mechanics	Agriculture Equipment and Repair	Elective
	Agriculture Experience Program*			
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- NOCTI: Agriculture Mechanics

*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.

Agriscience and STEM Academy

Agriscience and STEM Academy:

Animal Systems

Sample: 4-Year Plan

The Animal Systems Program of Study focuses on the advanced knowledge of veterinary science. The understanding of breeds, animal health, nutrition, training, reproduction and anatomy of small domestic animals such as dogs, cats, birds, rabbits, fish and other pets. Students will care for and handle a variety of animals daily.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Introduction to Agriculture	Animal Production and Management	Select (1) Specialization: • Companion Animal Care • Aquaculture	
			Agriculture Experience Program*	
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- Companion Animal Care is a Dual Enrollment Course with Mount West Community and Technical College – VET 101: Introduction to Veterinary Science
- NOCTI: Animal Systems

*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.

Agriscience and STEM Academy

Agriscience and STEM Academy:

Plant Systems

Sample: 4-Year Plan

The Plant Systems Program of Study focuses on entrepreneurial and technical skills in the areas of plant science, greenhouse management and production and floriculture. Students will experience hands-on learning through our student operated CMHS Greenhouse and by creating floral arrangements and centerpieces for banquets hosted at Cabell Midland.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Introduction to Agriculture	Horticulture	Select (1) Specialization: • Greenhouse Production and Management • Floriculture** Agriculture Experience Program*	
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- NOCTI: Workplace Readiness

*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirements.

**Floriculture fulfills the Fine Art Credit required for graduation

Agriscience and STEM Academy

Agriscience and STEM Academy:

Engineering – Project Lead the Way *Sample: 4-Year Plan*

The Pre-Engineering Program of Study focuses a broad range of engineering careers and foundational knowledge including basic safety, plan reading, use of tools and equipment as well as how to employ positive work ethics in an engineering career. Students will have the opportunity to utilize VEX robotics in the curriculum and compete in robotics competitions.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Introduction to Engineering Design	Principles of Engineering*	Digital Electronics	Civil Engineering and Architecture
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- Civil Engineering and Architecture is a Dual Enrollment Course for Marshall University: ENGR 280/281
- Mount West Community and Technical College – TBD
- NOCTI: Pre-Engineering/Engineering Technology

*Principles of Engineering course fulfills the Graduation Requirement for a 3rd Science Credit

Agriscience and STEM Electives

Agriscience

Introduction to Agriculture, Food and Natural Resources

The introductory course to all Agriscience programs. Designed for students who have an interest in and wish to incorporate basic skills in agriscience and/or agribusiness.

The Science of Agriculture

Designed to enable students to further develop leadership skills, and record keeping during their Supervised Agricultural Experiences. FFA membership is recommended.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Agricultural Experience Program

Students shall receive 0.5 credit per academic year based on completion of approved SAE and submission documentation. This course is required for all students enrolled on all other Agricultural courses. This course does not meet in person, information for completion of the course will be given in regular in person Agricultural courses.

Agriscience Specializations

Agriculture Equipment and Repair

Builds on principles of the previous course and provides more in-depth knowledge and skills as they relate to energy sources, lubricants, service and maintenance of machinery and equipment, and equipment operation.
Prerequisite: Fundamentals of Agriculture Mechanics

Animal Production and Management

Designed to give students advanced knowledge of veterinary science, which includes the study of large farm animals.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Agriscience and STEM Electives

Aquaculture

Designed to provide experiential knowledge, skills and entrepreneurial competencies needed to enter various occupations in aquaculture and other scientific fields within aquaculture. Supervised Agricultural Experience is required and FFA membership is recommended.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Companion Animal Care

Contains the ever-growing popularity of small domestic animals (dogs, cates, birds, fish, and other pets) and their care. Supervised Agricultural Experience is required. FFA membership is recommended.

Fish and Wildlife Management

Designed to provide instruction and training in the areas of leadership, history of fish and wildlife, wildlife management concepts, water quality, habitat management, life history and wildlife values as a natural resource. Supervised agricultural experience is required. FFA membership is recommended.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Floriculture

Basic principles of floral design. Supervised Agricultural experience is required. FFA is recommended. Satisfies the graduation requirement of a Fine Art Credit.

Fundamentals of Agriculture Mechanics

Applying physical science principles and principles of operation and maintenance to mechanical equipment, welding and fabrication, structures, plumbing, electrical wiring, power utilization, and entrepreneurship. FFA membership is recommended.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Agriscience and STEM Electives

Greenhouse Production and Management

9	10	11	12

Designed to provide both college- bound and work bound students with the basic skills and knowledge needed in the greenhouse management industry.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Horticulture

9	10	11	12

Concentrates on students receiving practical hands-on experience with principles and practices of field greenhouse production. Supervised Agriculture Experience is required. FFA membership is recommended.
Prerequisite: Introduction to Agriculture, Food and Natural Resources

Aerospace Science - AFJROTC

Aerospace Science acquaints students with the elements of aerospace and aerospace Environment. It introduces them to the principals of aircraft flight and navigation, the history of aviation, development of air power, contemporary aviation, human requirements of flight, cultural and global awareness, geography, the space environment, space programs, space technology, rocketry, propulsion, the aerospace industry, and survival.

Leadership Education is the portion of the AFJROTC curriculum that develops leadership skills and acquaints students with the practical application of life skills. The leadership education curriculum emphasizes discipline, responsibility, leadership, fellowship, citizenship, customs and courtesies, cadet corps activities, study habits, time management, communication skills, career opportunities, life skills, financial literacy, management skills, and drill and ceremonies.

Wellness is an official and integral part of the Air Force Junior ROTC program. The objective of the Wellness/PT Program is to motivate cadets to lead healthy, active lifestyles beyond program requirements and into their adult lives. For class awarding elective or PE credit for AFJROTC Course, 20% of available contact time must be devoted to Wellness/PT instruction.

AFJROTC I

Covers the role of the military and the evolution and importance of air power in the history of the United States as well as the general defense structure of the United States, including the organization and mission of the US Air Force.

AFJROTC II

Designed to familiarize students with the aerospace environment, the principles of flights and navigation, and human limitations of flight.
Prerequisite: *AFROTC I*

AFJROTC III

Study propulsion systems principles, rocketry fundamentals and their applications to spacecraft, principles underlying space travel, and various aspects of space exploration.
Prerequisite: *AFROTC II*

AFJROTC IV

Participate in the management of the cadet corps and study careers available in the civilian and military aerospace communities.

AFJROTC V

First semester, students will study UAS (drone) regulations; airspace; weather and loading, performance, and operations of UAS. At the end of the semester, students will take the FAA Aeronautical Knowledge Test for their Remote Pilot Certificate. Second semester, the focus will be on the FAA Private Pilot written exam. Students will learn aerodynamics, FAA regulations, aircraft weight balance, and aircraft performance. Additionally, this course includes the same physical fitness and leadership found in all AFJROTC courses. Successful completion may earn students UAS operator's license and six college credits at WVU Tech.

Prerequisite: AFJROTC 1. Algebra, Age 16 by March 1st.

Engineering

Introduction to Engineering Design

Teaches problem solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer software.

Principles of Engineering

Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people.
Prerequisite: Introduction to Engineering Design

Digital Electronics

Teachers applied logic through work with electronic circuitry, which students also construct and test for functionality.
Prerequisite: Introduction to Engineering and Principles of Engineering

Civil Engineering and Architecture

Provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other.
Prerequisite: Introduction to Engineering and Principles of Engineering

Health Science and Wellness Academy

4-year Plans

and

Academy Elective

Course Descriptions

Health Sciences and Wellness Academy

Health Science and Wellness Academy:

Electrocardiograph Tech and Phlebotomy Skills

Sample: 4-Year Plan

The Electrocardiograph Technician and Phlebotomy Skills Program of Study allows students to explore various careers in healthcare as well as learn the basics in medical terminology, nutrition and health maintenance practices. The curriculum of this program focuses on the operation of a 12-lead electrocardiograph machine and the design and functions of the cardiac system. Performing laboratory duties and practicing the skill of Phlebotomy. Students will take part in a clinical experience at local hospitals, physician offices and/or laboratories.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Foundations of Health Science*	Advanced Principles of Health Science*	Medical Terminology 11th 0r 12th Grade only	Phlebotomy Skills
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Electrocardiograph Technician
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	Elective or for College Readiness Recommended: Foreign Language II	Elective	Elective

*Admission to Advanced Principles of Health Science requires a minimum course completion score of 80% in Foundations of Health Science.

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• CPR/AED Healthcare Provider Certification • First Aid Certification • OSHA 10 Certification • Preventing Disease Transmission Certification • Electrocardiograph and Phlebotomy Technician Certifications • NOCTI: Healthcare Core

Health Sciences and Wellness Academy

Health Science and Wellness Academy:

Pharmacy Technician

Sample: 4-Year Plan

The Pharmacy Technician Program of Study allows students to explore various careers in Health Care, as well as basics in medical terminology, nutrition, and health maintenance practices. During the PTCB Prep course students will work with a self-paced curriculum to gain the knowledge and skills required to pass the Pharmacy Technician certification exam and participate in their clinical internship alongside Pharmacist's and Pharmacy Technicians in local community pharmacies.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Foundations of Health Science*	Advanced Principles of Health Science*	Medical Terminology	PTCB Prep
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	PTCB Clinical Applications
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

*Admission to Advanced Principles of Health Science requires a minimum course completion score of 80% in Foundations of Health Science.

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• CPR/AED Healthcare Provider Certification • First Aid Certification • OSHA 10 Certification • Preventing Disease Transmission Certification • Pharmacy Technician Certification • NOCTI: Healthcare Core

Health Science and Wellness Academy:

Personal Fitness and Wellness Training

Sample: 4-Year Plan

The Personal Fitness and Wellness Training Program of Study focuses on knowledge, skills, attitudes and practices related to the field of coaching wellness for optimal living including wellness concepts; foundations of physical and emotional wellness; common conditions requiring wellness strategies; and motivational theories. Students will work with wellness centers in the community to develop community projects, events, and activities to promote a healthy lifestyle.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Foundations of Wellness	Models of Wellness Training	Wellness Coaching Skills	Practical Applications of Wellness Training
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• CPR/AED Healthcare Provider Certification • First Aid Certification • OSHA 10 Certification • American Fitness Professionals and Association Certification • NOCTI: Workplace Readiness

Health Sciences and Wellness Academy

Health Science and Wellness Academy:

Patient Care Tech

Sample: 4-Year Plan

The Patient Care Technician Program of Study allows students to explore various careers in Health Care, as well as the foundations in medical terminology, nutrition, and health maintenance practices. The curriculum of this program is focused on learning and practicing the knowledge, skills, and techniques to address the basic care and needs of patients in a health care facility. Students will take part in a clinical rotation at local hospitals and nursing homes.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Foundations of Health Science*	Advanced Principles of Health Science*	Medical Terminology 11th or 12th Grade Only	Clinical Specialties I
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Clinical Specialties II
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

*Admission to Advanced Principles of Health Science requires a minimum course completion score of 80% in Foundations of Health Science.

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…

- CPR/AED Healthcare Provider Certification
- First Aid Certification
- OSHA 10 Certification
- Preventing Disease Transmission Certification
- Patient Care Technician Certification
- NOCTI: Healthcare Core

Health Sciences and Wellness Electives

Health Science and Wellness Academy:

Weight Conditioning *Sample: 4-Year Plan*

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Human Anatomy	Chemistry OR Additional Lab Science
Academy Electives	Weight Conditioning, I	Weight Conditioning II	Weight Conditioning III	Elective
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective
Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• CPR/AED Healthcare Provider Certification • First Aid Certification			

Health Sciences and Wellness Academy

Health Science and Wellness Academy:

Sports Medicine *Sample: 4-Year Plan*

Classroom instruction covers such topics as: medical terminology; human anatomy; emergency procedures; soft tissue and bone injuries; causes, symptoms, and management of injuries; nutrition; physical fitness; and career opportunities. In addition to this ongoing classroom instruction, students will take part in work-based experiences with local occupations such as; physical therapists, chiropractors, athletic trainers, physical education instructors and recreational facility managers

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Human Anatomy	Chemistry OR Additional Lab Science
Academy Electives	Foundations of Sports Medicine	Advanced Principles of Sports Medicine	Athletic Injury Recognition and Prevention	Practical Applications of Sports Medicine Dual Credit
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective
Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• CPR/AED Healthcare Provider Certification • First Aid Certification			

Health Sciences and Wellness Electives

Foundations of Health Science

9	10	11	12

Designed to allow instructional content to focus on basic medical terminology, growth and development, nutrition, health maintenance practices and healthcare delivery systems.
Prerequisite: *9th grade or higher reading level*

Foundations of Health Science - Block

9	10	11	12

Designed to allow instructional content to focus on basic medical terminology, growth and development, nutrition, health maintenance practices and healthcare delivery systems.
Prerequisite: *9th grade of higher reading level*

Advanced Principles of Health Science

	10	11	12

Instructional content will focus on healthcare safety, environmental safety processes and procedures, ethical and legal responsibilities, and mathematical computations.
Prerequisite: *9th grade or higher reading level; 80% in Foundations of Health Science*

Advanced Principles of Health Science - BLOCK

	10	11	12

Instructional content will focus on healthcare safety, environmental safety processes and procedures, ethical and legal responsibilities, and mathematical computations.
Prerequisite: *9th grade or higher reading level; 80% in Foundations of Health Science*

Medical Terminology

		11	12

Instructional content will focus on the language of medicine. Students will gain understanding if basic elements, rules of building and analyzing medical words, and medical terms associated with the human body utilizing a system approach.

Body Structures and Functions

Students will understand the structures and functions of each system in the human body.
Prerequisite*: 9th grade or higher reading level*

Medical Math

This course is designed to allow instructional content to focus on medical math concepts and is designed for mathematics in a medical setting. Students will obtain knowledge in the following topics: basic math, fractions, decimals, ratios and percentages, measurement systems, prescriptions and dosages, IV therapy, documentation, and calculations.

Intro to Pharmacology

Within this course, instructional content will focus on advanced pharmacology. Course content will include the uses, sources, forms, and delivery routes of drugs. Knowledge will be gained in the area of drug classifications and actions, along with legal implications regarding controlled substances and other medications.

Prerequisite*: 9th grade or higher reading level*

Electrocardiograph Technician & Phlebotomy Skills

Electrocardiograph Technician - Block

			12

Instructional content will focus on basic operation of a 12-lead electrocardiograph machine, explanation of the Einthoven triangle related to the cardiac system. Students will identify the anatomic position of each of the chest leads, prepare a patient for a 12-Lead EKG, maintain the EKG machine, and maintain EKG tracings in the patient's chart. The student will interpret and evaluate electrocardiogram tracing. Students participate in clinical practicum for the EKG Technician.

Prerequisite: *At least 80% in Foundations of Health Science and at least 80% in Advanced Principles of Health Science*

Phlebotomy Skills – Block

			12

Instructional content will focus on performing laboratory duties requiring accuracy, timeliness and documentation. The student will be able to function in the laboratory setting utilizing these skills. This course will enhance the student's knowledge of safety procedures as they relate to phlebotomy. They will be provided with the knowledge and skills necessary in maintaining the standard procedures required for a laboratory. Legal and ethical issues to consider in the profession are an integral part of this course. The phlebotomist must be able to recognize appropriate methods for analyzing specimens. In this course the student will learn these methods in collecting and processing the specimen to be analyzed. This externship is designed to provide students with hands-on experience in a clinical, physician's office or laboratory setting. They are required to complete certification requirements which could require not less than 50 hours and up to 120 hours in the externship in order to receive credit for the course.

Prerequisite: *At least 80% in Foundations of Health Science and at least 80% in Advanced Principles of Health Science*

Patient Care Technician

Clinical Specialty I - Block | | | | 12 |

Students who have selected to go into the Patient Care Technician Program of Study will study the duties, responsibilities, and legal regulations of the profession. During this course the student must complete a minimum of 25-55 off-campus clinical rotation. FALL SEMESTER

Prerequisite: *At least 80% in Foundations of Health Science and at least 80% in Advanced Principles of Health Science*

Clinical Specialty II - Block | | | | 12 |

Follows Clinical Specialty I. Students will complete the clinical hours at their off-campus clinical rotation that are required to sit for the National Certification Exam. Due to healthcare industry standards, exemplary attendance is mandatory. SPRING SEMESTER

Prerequisite: *At least and 80% in Clinical Specialty I*

Health Sciences and Wellness Electives

Pharmacy Technician

PTCB Preparation - Block | | | | 12 |

Prepares students to participate in a clinical internship the following semester in PCTB Clinical Applications. FALL SEMESTER

Prerequisite: *At least 80% in Foundations of Health Science and at least 80% in Advanced Principles of Health Science*

PTCB Clinical Application - Block | | | | 12 |

Participate in a clinical internship, applying the knowledge and skills mastered during the PTCB Preparation course.

Prerequisite: *At least 80% in Foundations of Health Science, at least 80% in Advanced Principles of Health Science and at least an 80% in PTCB Preparation*

Personal Fitness and Wellness Training

Fitness and Conditioning
(Foundations of Wellness)

9	10	11	12

Students will learn the benefits of a healthy mind, body and spirit for one's overall health. This is the foundational course for learning more about the profession of a personal trainer and wellness coach. Students will learn about motivational theories, the scope of practice in the medical field, common conditions requiring wellness strategies, and the principles and techniques for wellness coaching.

Prerequisite: *High School Health*

Sports Medicine

Foundations of Sports Medicine

Designed to teach students components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sport psychology, and performance enhancement philosophies.

Prerequisite: *High School Health*

Advanced Principles of Sports Medicine

	10	11	12

Designed to expand on Sports Medicine I. This course has a concentration in tissue response to injury and advanced CPR. There is a minimum of 30 hours of clinical experience in which students personally observe a qualified individual participating in the sports medicine profession.

Prerequisite: *Successful completion of Foundations of Sports Medicine*

Athletic Injury Recognition and Prevention

		11	12

Further expands the clinical learning experience of Sports Medicine II. This course has a concentration in tissue response to injury and advanced CPR. Students must complete a minimum of 30 hours of clinical experience.

Prerequisite: *Successful completion of Foundations of Sports Medicine and Advanced Principles of Sports Medicine.*

Practical Applications of Sports Medicine -Dual Credit

		11	12

Further expands the clinical learning experience of Sports Medicine II. This course has a concentration in tissue response to injury and advanced CPR. Students must complete a minimum of 30 hours of clinical experience.

Prerequisite: *Successful completion of Foundations of Sports Medicine, Advanced Principles of Sports Medicine, Athletic Injury Recognition and Prevention and a score of 23 on the ACT, or a comparable score on the SAT verifiable prior to the first day of class.*

Weight Conditioning

Weight Conditioning I

	10	11	12

Students will learn and practice proper weightlifting techniques.

Prerequisite: *High School Physical Education*

Weight Training II

	10	11	12

Students will learn and practice proper weightlifting techniques.

Prerequisite: *High School Physical Education & Weight Training I*

Weight Training III

	10	11	12

Students will learn and practice proper weightlifting techniques.

Prerequisite: *High School PE & Weight training II*

Human and Public Services Academy

4-year plans

and

Academy Elective Course Descriptions

Human and Public Services Academy

Human and Public Service Academy:

Broadcast Journalism

Sample: 4-Year Plan

The Broadcasting Journalism concentration focuses on the journalism industries of both television and radio. Students obtain skills to work in program production, news-related technical writing, sales, and use video editing software such as Final Cut Pro X and Adobe Premier Elements. Students incorporate these skills to develop our daily CMHS KNYT NEWS program.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Journalism I	Mass Communications I - Multi-media Production	Mass Communications II - Multi-media Production	Select One: • Communications 103 • Yearbook • Newspaper
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• Communications 103 is a Dual Credit course with Marshall University

Human and Public Services Academy

Human and Public Service Academy:

Culinary Arts

Sample: 4-Year Plan

The Culinary Arts Program of Study curriculum uses performance-based learning to develop and incorporate culinary skills. Restaurant management and guest service skills are also developed through catering events and our student led Camelot Café, which regularly prepares a menu for our staff to order lunch at school or dinner to take home during the week. Students will also participate in several culinary competitions around the state as well as work with local restaurant chefs, managers, and owners.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Restaurant and Culinary Foundations	Restaurant Management Essentials	Advanced Principles in Food Production	Restaurant Professional
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• ServSafe Certification for Managers • ProStart Certificate of Achievement • American Culinary Federation (ACF) Certified Fundamentals Cook (CFC) • ServSafe Food Handler Certificate • NOCTI – ACF Culinary Arts Certification

Human and Public Services Academy

Human and Public Service Academy:

Careers in Education

Sample: 4-Year Plan

The Early Childhood Education Program of Study focuses on the knowledge, skills, attitudes, and practices of early childhood development. Emphasis is placed on the integration of all aspects of development into best practices for nurturing children from birth through age 8. Students will have several opportunities to visit local elementary schools and childcare facilities to observe and work with children through age-appropriate activities.

Subject	9th	10th	11th	12th
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Foundation in Education	Student Learning, Development, and Diversity	Literacy Awareness	Teacher Preparation Seminar
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
Elective/ Foreign Language	*Elective or for College Readiness Recommended:* Foreign Language I	*Elective or for College Readiness Recommended:* Foreign Language II	Elective	Elective

Upon Successful Completion of this 4-year plan students will earn a high school diploma AND…	• Early Childhood Classroom Assistant Teacher (ECCAT) Apprenticeship for Child Development Specialist • Child Development Associate (CDA) • First Aid • CPR/AED for Professional Rescuers and Healthcare Providers • NOCTI – Early Childhood Education and Care – Advanced • Early Childhood Education IV Honors is a Dual Enrollment Course with Marshall University for ECE 101.

Human and Public Services Electives

Broadcast Journalism

Journalism I

Students will study journalistic styles and assume positions of responsibility on the school newspaper reporting staff. Students will create content for the school newspaper website. This is a writing course focusing on reporting on school events up to world news, entertainment, sports, human interest stories, etc.
Prerequisite: *"C" or better in English*

Mass Communication I –Multi-Media Production

This course is designed to give students the opportunity for practical, hands-on experience in front of the television cameras and also to learn the basic production techniques needed for television. Students will be part of the writing and production of the student-led school news program and contest entries.
Prerequisite: *Journalism*

Mass Communication II – Multi-Media Production

This course is designed to give students extended experience in front of the camera and to expand training in the use of studio equipment with the emphasis placed on editing. These students will be leaders within the course and responsible for heading production and editing of the student-led school news and contest entries.
Prerequisites: *Journalism and Mass Communications I*

Newspaper

Students will study journalistic styles and assume positions of responsibility on the school newspaper reporting staff. Students will create content for the school newspaper website. This is a writing course focusing on reporting on school events up to world news, entertainment, sports, human interest stories, etc.
Prerequisite: *Journalism I*

Yearbook

Students who are assuming a position on yearbook's editorial board are eligible for this course. Students will perform specific duties outlined in the Yearbook Staff Guidelines.
Prerequisite: *Journalism I*

Speech and Oral Communications

Designed for any student interested in becoming a better communicator. Special emphasis is placed on giving a student confidence when he or she is speaking either formally of informally in front of a group.

Communications 103 - BLOCK
Dual Credit

This class focuses on basic communication and public speaking skills. Upon successful completion of the course, students will receive both a high school honors credit and 3 hours of college credit to fulfill the oral communication (speech) requirement for most colleges. Students must have a 3.00 GPA to receive college credit in Communications 103 through Marshall University.

Careers in Education

The following four course sequence lead to Early Childhood Assistant Teacher (ECAT) certification.

Early learning Child Development

This course is designed to focus on the various physical, cognitive, emotional, and moral development, environments and social institutions, family life, demographics, and cultural influences human growth and development. This course also provides information and activities for guiding behavior and meeting needs of special age groups. This course includes organizational strategies and systems and use of appropriate resources and assessments to advance learning in a variety of organizational structures. Observation in an approved school setting is part of this course. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

Early Learning Special Needs Inclusion

This course is designed to focus on understanding how to facilitate activities that will promote learning within inclusive early childhood classrooms. The course provides information and activities on the IEP (Individualized Education Plan) process, modifications, and accommodations for students with disabilities, school readiness, confidentiality, and family communications. Observation in an approved school setting is part of this course. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.
Prerequisite: Successful completion of Early Learning Child Development.

Early Learning Language and Literacy BLOCK

This course is designed to focus on understanding how to facilitate developmentally appropriate activities that will promote understanding of; language and; literacy learning for early childhood students in their classes. The course provides information and activities on language development, read aloud and storytelling, phonological awareness, and creating a functional print rich environment. Extensive observation and actual classroom teaching experience in an approved school setting is part of the course. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

Prerequisites: Successful completion of Early Learning Child Development and Early Learning Special Needs Inclusion.

Early Learning Numeracy BLOCK

This course is designed to focus on understanding how to facilitate developmentally appropriate activities that will promote mathematical understanding for early childhood students in their class. The course provides information on how to integrate counting and cardinality, shapes, space, and mathematical operations. This course provides information on how to integrate mathematical habits of the mind. Extensive observation and actual classroom teaching experience in an approved school setting is part of this course. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

Prerequisites: Successful completion of Early Learning Child Development, Early Learning Special Needs Inclusion and Early Learning Language and Literacy.

Culinary Arts

Restaurant and Culinary Foundations
BLOCK

This course focuses on the preparation and service of safe food; basic introduction to industry safety standards and restaurant equipment; and employability skills in the restaurant industry.

Prerequisite: *Food Preparation*

Restaurant Management Essentials -
BLOCK

This course is designed to focus on restaurant essential processes, guest service and food production. Students will learn about kitchen essentials in knife skills, stocks and sauces, meats and poultry, culinary math, and restaurant management. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

Prerequisite: *Minimum of "C" in Restaurant and Culinary Foundations*

Advanced Principles in Food Production
BLOCK
Industry emphasis in nutrition, operational cost, marketing, menu development, employability skills.
Prerequisite: *Minimum of "C" in Restaurant Management Essentials and Restaurant and Culinary Foundations*

The Restaurant Professional – Block

This course is designed to provide content related global cuisine, desserts and baked goods, meats and poultry, fish and seafood, culinary nutrition, and sustainability. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.
Prerequisite: *Minimum of "C" in Advanced Principles in Food Production*

GROW Your Own

Designed to address West Virginia's critical teacher shortage, Grow Your Own Pathway to Teaching programs provide promising high school students a career path to pursue a career in education. The following four courses are required for juniors and seniors in GROW Your Own:

Introduction to Education in the Classroom	**1306**
Introduction to Child Development	**1307**
Introduction to Educational Psychology	**1308**
Introduction to Social, Emotional, and Behavioral Wellness	**1309**

Visit https://teachwv.com/grow-your-own for more information.

Global Electives and Course Descriptions

Health and PE

Drivers Ed

Advanced Placement Courses

College Dual Enrollment Courses

World Languages

Fine Arts

Career Interest Electives

Global Electives

These electives are available to students in all Academies

Health/PE/Drivers Ed	English
Health	Creative Writing
Physical Education	Debate I
Leisure and Recreation Sports	Library Science
Life Fitness	Mythology
Driver's Ed (only with driver's permit)	AP Literature and Composition
Math	AP Language and Composition
ACT/SAT Prep	English 101/201 Honors
Advanced Math Modeling Math 111E	**Science**
College Algebra Math 120	Science Olympiad
Trigonometry Honors Math 102	Introduction to Geospatial Info Systems
Pre-Calculus Honors Math 121	Forensic Science
AP Calculus AB	Forensic Science Honors
AP Calculus BC	AP Biology
AP Statistics	AP Chemistry
AP Computer Science A *	AP Environmental Science
Computer Science and Mathematics*	AP Physics B
Introduction to Mathematical Applications	BSC 104 College Biology
*Counts as math elective credit if taught by math teacher	BSC 105 College Biology

Social Studies		World Languages
Criminal Law	AP Human Geography	American Sign Language I, II, III, IV
Economics	AP World History	Spanish I, II, III H, IV H, AP
Geography	AP Economics	Spanish 101/102
Law Studies	AP European History	Russian I, II
Psychology	AP Psychology	
Sociology	AP US Government	
History 103 Contemporary Studies	Psychology 201	

Fine Arts		
Band	***Hand Bells***	***Visual Arts***
Beginner Band	Hand Bells I	Art I
Concert Band I, II, III, IV	***Orchestra***	***Ceramics and 3D Design***
Instrumental Music	Beginning Strings	Ceramics and Pottery I, II, III
Jazz Band	Orchestra I, II, III, IVH	Sculpture – 3D Design
Marching Band	***Piano***	***Digital Art Photography***
Percussion Ensemble	Piano I, II, III, IV	Digital Photo I, II, III
Wind Ensemble	***Theater***	***Drawing***
Wind Ensemble Honors	Set Design and Construction	Drawing I, II,
Choral Performance Ensembles	Stage Craft I, II	***Painting***
Chorus I, II, III, IV	Theater I, II, III, IV	Painting I, II
Collegium Musicum	***Music Appreciation***	***Printmaking***
Collegium Musicum Honors	Music and History Literature	Studio Printmaking
Show Choir I, II, III IVH	Music Theory Honors	AP Studio Art
Dance	AP Music Theory	AP Art History
Dance I, II, III, IV	***Agriculture***	
Guitar	Floriculture	
Guitar I, II, III, IV		

Note: AP – Advanced Placement

Global Electives

Agriscience	***Culinary***	***Human Services***
Introduction to Ag, Food and Natural Resources	Baking and Pastry	Foundation in Education
Companion Animal Care	Food Preparation	Parenting and Strong Families
Floriculture	***Engineering***	***Journalism***
	Intro to Engineering Design	Mass Communications I
Air Force JROTC	***Fitness and Wellness***	Journalism I
Air Force JROTC I	Fitness and Conditioning	Newspaper
	Weight Conditioning I	Speech and Oral Communications
	Health Sciences	Yearbook
Computer Science	Foundations of Health Science	Communications 103
AP Computer Science Principles	Body Structures and Functions	***AP Capstone***
AP Computer Science A	Medical Terminology	AP Seminar – SY 2024
Computer Science and Mathematics	Sports Medicine I	AP Research – SY 2025

Please note that this list is not inclusive of all global electives offered at CMHS.

AP Capstone

AP Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas.

AP Research

Build on what you learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research-based investigation to address a research question.

Prerequisite: AP Seminar

Health and PE

High School Health

Develops knowledge, attitudes, values, and skills concerning issues of particular concern during adolescence which impact personal health and wellness

High School Physical Education

Required for graduation, recommended for 9th and 10th grade students, and must be completed before enrollment in a physical education elective.

Integrated Physical Education

This is the required online component to allow students to earn PE credits in conjunction with their enrollment in either band, show choir or dance.
Prerequisite: Enrollment in band, show choir or dance

Fitness and Conditioning (Foundations of Wellness)

Students will learn the benefits of a healthy mind, body, and spirit for one's overall health. This is the foundational course for learning more about the profession of a personal trainer and wellness coach. Students will learn about motivational theories, the scope of practice in the medical field, common conditions requiring wellness strategies, and the principles and techniques for wellness coaching.
Prerequisite: *High School Health*

Leisure and Recreation Sports

Designed to give students knowledge, experience, skill, and appreciation for recreational activities as well as a variety of lifetime skills. Units of study include archery, badminton, Frisbee, golf, pickle ball, racquetball, roller hockey and tennis.
Prerequisite: *High School Physical Education*

Life Fitness

Develop a personal fitness program. This personalized program will include aspects of the Wellness Center, Xertubes, slides, step aerobics, and aerobic exercise, the students will also be involved in a study of nutrition and diet analysis.
Prerequisite: *High School Physical Education*

Driver Education

Driver Education

This course consists of fifty (50) hours of classroom instruction; and ten hours of in-car observation and six hours of behind the wheel laboratory instruction. The Driver Education course develops the knowledge, attitudes, habits and skills necessary for the safe operation of motor vehicles. For a student to receive a "West Virginia High School Driver Education Certificate" at the end of the semester, the following criteria must be met: (1) The student must achieve a standard grade of "C"

English

Creative Writing

This course is designed for students of any grade who like to write original fiction, nonfiction, and/or poetry. Instruction focuses on the study and utilization of models of writing as a basis for students' original writing. This course requires verbal and written participation to successfully complete the course.

Debate I

Students will learn the fundamentals of argumentation by research and discussion. Students will learn to create briefs and debate resolutions in team style. Membership on the debate team is not required.

Library Science

This course involves practical experience in the library. Students are trained to use both paper and computer resources to help other students.
Prerequisite: *Permission from Media Specialist*

Mythology

Mythology introduces students of any grade to basic concepts, gods, and heroes from Greek, Norse, and Egyptian myths, among others. Students will study the hero's journey and character archetypes, learning how these concepts transcend time and cultures and are still applicable today.

AP English Language and Composition

AP Language and Composition is a college level honors course in which academically mature and disciplined students are given the opportunity to obtain not only the college English credit and/or advanced placement in college English course but preparation for future college course by successfully completing the Advanced Placement exam. The course focuses on rhetoric and argumentation through reading and writing on a variety of relevant topics. AP Language may begin with a prerequisite summer reading and assignments.
Prerequisite: *Successful completion of English 10 Honors is recommended.*

AP Literature and Composition

AP literature is a college level honors course in which academically mature and disciplined students are given the opportunity to obtain not only the college English credit and/or advanced placement in college English courses but preparation for future college courses by successfully completing the Advanced Placement test for English Literature and Composition. The course engages students in close-reading and critical analysis of imaginative literature. AP Literature may begin with prerequisite preparatory readings over the summer before the course.
Prerequisite: *Successful completion of English 10 Honors and AP English Language.*

English 101/201 Honors

Students enrolling in this course may apply to Marshall University if they have a transcript showing a cumulative 3.0 GPA (on a 4.0 scale) and letters of recommendation. This course provides the credit for English 12 for graduation and will also transfer to any in-state college. The focus of this honors-level writing and literature course are various types of academic reading and discourse.
Prerequisite: *English 11 and a score of 18 on the English Component of the ACT*

Communications 103 – Block
Dual Credit

This class focuses on basic communication and public speaking skills. Upon successful completion of the course, students will receive both a high school honors credit and 3 hours of college credit to fulfill the oral communication (speech) requirement for most colleges. Students must have a 3.00 GPA to receive college credit in Communications 103 through Marshall University.

Math

ACT/SAT Prep

Designed for the student who wishes to refresh his/her mathematical skills necessary to score well or better on the ACT/SAT math test. The emphasis of this class is preparation for pre-college testing.

Advanced Math Modeling – Mod or Block
Math 111E Dual Credit

Fourth Course Option. Primary focal points of Advanced Mathematical Modeling include the analysis of information using statistical methods and probability, modeling change and mathematical relationships, mathematical decision making in finance, and spatial and geometric modeling for decision-making. Must have taken the ACT or SAT and have a minimum GPA of 3.0 for dual credit.

Prerequisite: *Algebra II*

College Algebra – Mod or Block
Math 120 Dual Credit

Fourth Course Option. Equations and inequalities, systems of equations and inequalities, graphing, rational expressions, radical expressions, and applications of the above. Must have an ACT Math score of 21 or an SAT Math score of 500 or higher verified before the first day of class.

Prerequisite: *Algebra II*

Trigonometry Honors - Mod or Block
Math 102 Dual Credit

Fourth Course Option. Extends the Trigonometry content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math score of 23 or an SAT Math score of 540 or higher verified before the first day of class for dual credit. Trigonometry Honors/Dual Credit is a requirement for students wishing to take AP Calculus.

Prerequisite: *Algebra II Honors with a grade of A or B*

Pre-Calculus Honors - Mod or Block
Math 121 Dual Credit

Fourth Course Option. Extends the Pre-Calculus content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math score of 23 or an SAT Math score of 540 or higher verified before the first day of class for dual credit.

Prerequisite: *Trigonometry Honors with a grade of A or B*

AP Calculus AB

This course meets for a block both semesters for two credits. This is an Advanced Placement course that will receive honors credit. The course will cover differential and integral calculus. It is strongly recommended that 11th graders enrolled in this course already have a Pre-Calculus credit. Students are required to take the AP Calculus AB exam at the end of this course.
Prerequisite: *Trigonometry Honors with a grade of A or B*

AP Calculus BC

This course is a continuation of AP Calculus AB. It includes more applications of differentials, convergence, and divergence. Students are required to take the AP Calculus BC exam at the end of this course.
Prerequisite: *Advanced Placement Calculus AB*

AP Statistics

This course is primarily for college bound students. It includes probability and descriptive statistics with an introduction to inferential statistics. Computers and graphing calculators will be used to simulate probability situations. Students are required to take the AP Statistics exam at the end of this course.

Introduction to Mathematical Applications

Students will solidify their quantitative literacy by enhancing numeracy and problem-solving skills as they investigate and use fundamental concepts of algebra, geometry, and statistical analysis to apply to authentic career projects and scenarios.

Science

Science Olympiad

Science Olympiad is a STEM class that focuses on various areas of science involved in the state and nationals Science Olympiad competition. The sciences involved will include physics, chemistry, biology, earth science, environmental science, physical science, engineering, and technology. The class will use project based learning and independent study for students involved in individual events in the Science Olympiad competition. Learning goals will align with state standards for the sciences involved with the goals established by the Science Olympiad.
This is an elective course.

Introduction to Geospatial Information Systems

Introduction to Geospatial Information System (GIS) for capturing, storing, checking, and displaying data related to the Earth's surface. Investigate the use of drones. **Dual Credit** Course with Mountwest Community and Technical College. **This is an elective course**.

AP Biology

AP Biology is equivalent to introductory college biology for science and health care majors. Topics include biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, ecology, plants, animals, and taxonomy. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.
Prerequisite: *Biology with a "B" or higher Recommended*

AP Chemistry

AP Chemistry is equivalent to introductory college chemistry for science and health care majors. Topics include atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.
Prerequisite: *Chemistry with a "B" or higher Recommended*

AP Environmental Science

AP Environmental Science is equivalent to introductory college environmental science. This course provides students with the principles, concepts and methodologies to understand the interrelationships of the natural world and identify and analyze environmental problems both natural and man-made. Meets every day for 45 minutes for one credit. This course counts as laboratory science credit for college admission.
Prerequisite: *Chemistry/ Biology Recommended*

AP Physics B – Block

AP Physics is equivalent to introductory college physics for science and health care majors. Topics include mechanics, fluids, thermodynamics, material behavior, waves, sound, electricity, optics, electromagnetism, relativity, and atom/quantum physics. This course counts as laboratory science credit for college admission
Prerequisite: *Algebra II, Trigonometry Recommended*

BSC 104 College Biology
Dual Credit for the Non-Science Major

First semester of college biology for students who are not planning a major in the science or health care fields. Topics include cells, photosynthesis, respiration, genetics, DNA, prokaryotes, viruses, protists, and plants. Offered Fall semester only. This course meets the Biological Science requirement for graduation.
Prerequisite: *3.0 GPA*

BSC 105 College Biology
Dual Credit for the Non-Science Major

Second semester of college biology for students who are not planning a major in the science or health care fields. Topics include systems of the body, genetics, evolution, ecology, and human immunity/diseases. Offered Spring semester only.

Prerequisite: *3.0 GPA*

Forensic Science Honors
FORS 2201 Dual Credit

This course will utilize skills that investigators use to solve crimes. Using physics, chemistry, biology, and earth science students will engage in evidence collection to interpret and analyze data to engage in real crimes. Students will be expected work in a class that is project based where they will model real crimes.

Prerequisites: *Biology Honors, Chemistry Honors Recommended*

Social Studies

Criminal Law

Experience with application of laws to our criminal justice system. Emphasis is centered on laws regarding prosecution and defense of criminals.

Economics

Designed to give students a thorough understanding of the principle of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. This course will enable students to reason logically about key economic issues that affect their lives as consumers, workers, and citizens. This class is designed for students who have taken US Studies as an elective course.

Geography

Helps students understand the values and roles of groups and individuals in a "Global Village" where economies, cultures, and environmental concerns are connected. The study of geography will contribute to the development of workplace skills and career choices. This course allows all students to see, understand, and appreciate the web of relationships between people, places, and environments. This class is designed for students who have taken US Studies as an elective course.

Law Studies

Examine the entire legal system with emphasis on criminal, civil and constitutional law; crime and punishments; organized crime; court procedures, civil liberties, and juvenile justice.

Psychology

Includes the study of human behavior in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, disturbance, and breakdown. Some outside research is required. This course is an introduction to the scientific study of behavior and mental processes. This class is designed for students who have taken US Studies as an elective course.

Sociology

Examines the organization of society and the development of culture. Topics for study include the family, religious and economic institutions, minority groups, populations, and social structure. This course is the study of our society and our relationship to it. This class is designed for students who have taken US Studies as an elective course.

History 103 Dual Credit

The World Since 1850 Contemporary Studies

This course analyzes the major developments in the World from 1850 to present day. The course begins with a study of the Age of Imperialism, moving through World War I, the Interwar Period, the Great Depression, and World War II during the first semester. The second semester pertains to the shaping of the post-war power structure in the world, the Cold War, and the Information Age. Juniors may substitute this course for Contemporary Studies.
Prerequisite: *3.0 GPA*

AP Human Geography

AP Human Geography is a yearlong course that provides conceptual and thematic analysis of spatial relationships between human beings and the many landscapes/situations they find themselves living in. Geographers tend to be "generalists," so the class will have us learning a lot about a wide array of topics. We get to travel (through books and the internet), explore, consider, and hopefully better understand how seven billion of us live and work within the globe's various regions. Units will include: introductory geography and methods, population, migration, culture, ethnicity, language, religion, political geography, economic development, industry, agriculture, and urban geography. Special emphasis will be placed on geographic models and their applications. Case studies from around the globe will be used to provide meaning, and comparisons will be drawn to situations that exist in the United States, and within our state/locally. ADVANCED PLACEMENT EXAMINATION IS REQUIRED TO RECEIVE HONORS CREDIT. THIS TEST IS PAID FOR BY THE SCHOOL DISTRICT. This course may be taken as a 10th, 11th, or 12th grade global elective.

AP Microeconomics/Macroeconomics

This course is a combination of two AP courses: AP Microeconomics and AP Macroeconomics. At the end of the year, students will take AP exams for both courses. ADVANCED PLACEMENT EXAMINATION IS REQUIRED and is PAID FOR BY THE DISTRICT. This course can be used as a required 11th grade Social Studies credit (if AP US History was taken as a sophomore) or as an 11th or 12th grade global elective.

AP European History

Study of modern European History, 1450 to the present, with particular reference to the Renaissance/ Reformation, the rise of strong central governments, plus major social, economic and intellectual trends. A list of collateral reading with written commentaries will be required. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. This course can be used as a required 11th grade Social Studies credit (if AP US History was taken as a sophomore) or as a 10th, 11th or 12th grade global elective.

AP Psychology

Includes the study of human behavior and cognition in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, and disturbance. Some outside research is required. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. This course can be used as a required 11th grade Social Studies credit (if AP US History was taken as a sophomore) or as an 11th or 12th grade global elective.

AP United States Government and Politics

Analytically evaluate how people behave politically. Interpret American politics and how government helps to shape public policy. Covers the design of America's political system, its structure, and how individual and group interests combine, each promoting its own agenda. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. May be substituted for Civics for Next Generation.

World Languages

American Sign Language

American Sign Language I

Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. FALL SEMESTER

Prerequisite: *Students will be responsible for the $100 per course tuition fee or talk to bookkeeper.*

American Sign Language II

Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. SPRING SEMESTER

Prerequisite: *American Sign Language* I

American Sign Language III - American Deaf Community

Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. FALL SEMESTER

Prerequisite: *Students will be responsible for the $100 per course tuition fee or talk to bookkeeper.*

American Sign Language IV - Finger Spelling

Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. SPRING SEMESTER

Prerequisite: *Students will be responsible for the $100 per course tuition fee or talk to bookkeeper.*

Spanish

Spanish I

Introduction to the Spanish language and culture will focus on the skills of reading, speaking, listening, grammar and writing Spanish. The understanding of cultural differences and similarities is an inherent part of this course.

Spanish II

Continuation of Spanish I, with further emphasis on advanced grammar, conversations, reading, writing, and the study of additional aspects of Hispanic life.
Prerequisite: *Spanish I*

Spanish III Honors

Gives students the opportunity to apply the advanced skills already learned in listening, speaking, reading, and writing Spanish. This course also emphasizes the study of Hispanic culture.
Prerequisite: *Spanish II (C or Above)*

AP Spanish Honors

College Level course intended for students who wish to develop proficiency and to integrate their language skills, using authentic materials and sources from the Spanish-speaking world. AP Exam is required and is paid for by the district.
Prerequisite: *Spanish III (B or above)*

Spanish 101/102 Dual Credit 11 12

College Level course intended for students who wish to develop proficiency and to integrate their language skills, using authentic materials and sources from the Spanish-speaking world. Dual enrollment course with Marshall University.
Perquisite: Successful completion of Spanish III Honors (B or above)

Russian

Russian 1

Introduction to the Russian language and culture will focus on the skills of reading, speaking, listening, grammar, and writing in Russian. The understanding of cultural differences and similarities is an inherent part of the course.

Russian 2

Introduction to the Russian language and culture will focus on the skills of reading, speaking, listening, grammar, and writing in Russian. The understanding of cultural differences and similarities is an inherent part of the course.
Prerequisite: Russian 1

Russian 3 Honors

Gives students the opportunity to apply the advanced skills already
learned in listening,
speaking, reading, and writing Russian. This course also emphasizes the study of Russian culture.
Prerequisite: Russian II (C or Above)

Fine Arts

Band

Beginner Band

Emphasizes proper breathing, tone control, reading skills, and development of the embouchure. Successful completion of this course should prepare the student for placement in Marching Band, Concert Band or Symphonic Band. Students may use school owned instruments or provide their own.

Concert Band I

Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.
Prerequisite: *Permission of teacher*

Concert Band II

Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.
Prerequisite: *Concert Band I and Permission of teacher*

Concert Band III

Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.
Prerequisite: *Concert Band II and Permission of teacher*

Concert Band IV

Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.
Prerequisite: *Concert Band III and Permission of teacher*

Concert Band IV Honors

Senior honors students will complete written research and complete a major project with the ensemble

Instrumental Music I

This course is designed for students who need individualized instruction in instrumental techniques for any band instrument. Study will involve individual and small group approaches. No previous experience is required.

Jazz Band

Different Styles of jazz music will be studied in preparation for performance throughout the school year. The Jazz Band plays for various civic and school activities as well as jazz festivals.
Prerequisite: *Successful audition and permission from teacher*

Marching Band

Open to all students who play a band instrument and are interested in performing at games, parades, and marching contests. Any auxiliary groups such as flag corps or dance team must take this class. Participants must be available for band rehearsals during the summer and after school rehearsals throughout the year. FALL SEMESTER
Prerequisite: *Permission from teacher*

Percussion Ensemble

Students will learn to perform all types of percussion instruments with the focus on performance of concert percussion music of all styles. Prior to taking this course, a student should have some background in at least one major percussion instrument. The group will perform in public concerts and ensemble festivals.
Prerequisite: *Percussion experience*

Wind Ensemble

The group will present several concerts throughout the year. These students will perform at concerts, parades, and festivals. SPRING SEMESTER
Prerequisite:

Wind Ensemble Honors

The group will present several concerts throughout the year. These students will perform at concerts, parades and festivals. Senior honors students will complete a written research paper and complete a major project with the ensemble. SPRING SEMESTER
Prerequisite: *Successful audition and permission from teacher*

Choral Performance Ensembles

Chorus I

Introductory level class. Developing basic music reading skills, the development of good vocal tone production, ensemble singing and introducing students to major styles of music from the Renaissance to the present day. Performances, "during and outside of class", are a required part of this course. No previous experience necessary. This is a non-auditioned ensemble.

Chorus II

Continuation of Chorus I. Performances are a required part of this course. No previous experience is necessary. No auditions necessary.
Prerequisite: *Chorus I*

Chorus III

Continuation of Chorus II. Performance is a required part of this course. No previous experience is necessary. No auditions necessary.
Prerequisite: *Chorus II*

Chorus IV

Continuation of Chorus III. Performance is a required part of this course. No previous experience is necessary. No auditions necessary.
Prerequisite: *Chorus III*

Collegium Musicum

Students will study and perform choral literature of various musical eras in English and other original languages. Admission to the course is by audition/invitation only. Fees required for concert attire however financial assistance is available. Outside class time practices and performances.
Prerequisite: *Successful audition and permission of the teacher*

Collegium Musicum Honors

Senior honor students will complete additional requirements provided by the director. Fees required for concert attire however financial assistance is available.
Prerequisite: *Open to Senior students only. Successful audition and permission of the teacher and Collegium Musicum*

Show Choir

Choral performance ensemble combined with dance and theatrics. Students will perform varies genres, including pop, musical theatre, country and classical. Admission to the course is by audition/invitation. Fees required for concert attire however financial assistance is available. Outside of class time and performances are part of the course requirements.
Prerequisite: *Audition and permission from teacher*

Show Choir Honors

Upper-level advanced choral performance ensemble. Open to all students with instructor permission. Fees required for concert attire however financial assistance is available.
Prerequisite: *Open to Senior Students only. Audition and permission of the instructor.*

Dance

Dance I

Designed for students who have an interest in learning different dance styles. Basic dance skills, including ballet, jazz, and choreography will be included, as well as dance history.

Dance II

Continuation of Dance I. Designed for students who have an interest in dance training. Basic dance skills, including ballet, jazz, and choreography will be included as well as dance history.
Prerequisite: *Dance I*

Dance III

Continuation of Dance II. Practice in performing technical and choreographic skills necessary for artful presentation. Emphasis will be placed on the relationship of dance to other disciplines and careers. Research of dance history and artists will be an integral part of this year of study.
Prerequisite: *Dance II*

Dance IV

The creative process will be studied, and students will develop an awareness of dance and its place in the present and future culture.
Prerequisite: *Dance III*

Guitar

Guitar I

Music reading, open chords, strums, and melody are introduced. Classical and folk styles are taught. Beginners only. Acoustic guitar must be supplied by the student.

Guitar II

Continuation of Beginning Guitar and will introduce Barre chords using common progressions. Acoustic guitar must be supplied by the student.
Prerequisite: *Guitar I or permission from the teacher*

Guitar III

This course will include the use of a recording studio and multi-track recording and making demo tracks of original works integrating guitar and other instruments as assigned. Also included will be introductory material for music business and contracts.
Prerequisite: *Guitar II*

Guitar IV

This course will include studying the history of pop culture from 1900- 2000. Students will explore pop cultures of jazz, rock, and pop music. Also included will be the examination of how music and technological advances influenced the development of these genres.
Prerequisite: *Guitar III*

Hand Bells

Hand Bells

Open to all grades, all students. Student(s) must be able to read music or commit to learning. Performances outside the school day may be required.

Orchestra

Beginning Strings

Designed to offer any student who has never been in orchestra (at any time in their school experience) the opportunity to learn to play a stringed instrument. This would enable the student to participate in an orchestra next year.

Orchestra I

A string ensemble designated for students with a minimum proficiency on a string instrument to learn pedagogy and prepare for Orchestra II class. This group may perform in concerts as determined by the director.

Orchestra II

This group will present several concerts each year. The core ensemble of the orchestra is the string orchestra. Wind, brass, and percussion students will augment the ensemble for full orchestra for various concerts. Performance is required.

Orchestra III

This group will present several concerts each year. The core ensemble of the orchestra is the string orchestra. Wind, brass, and percussion students will augment the ensemble for full orchestra for various concerts. Performance is required.

Orchestra IV

This group will present several concerts each year. The core ensemble of the orchestra is the string orchestra. Wind, brass, and percussion students will augment the ensemble for full orchestra for various concerts. Performance is required.

Orchestra IV Honors

This group will present several concerts each year. The core ensemble of the orchestra is the string orchestra. Wind, brass, and percussion students will augment the ensemble for full orchestra for various concerts. Performance is required. Seniors will be required to complete two research projects as determined by the director.

Prerequisite: *Successful completion of Orchestra II or III and Senior Level student.*

Piano

Piano I

Lessons are given in the electronic keyboard laboratory. Study may also include assignments on acoustic piano. Practice time is allotted during the classroom instructional time.

Piano II

Continuation of Piano I. Piano II is open to intermediate and advanced students.
Prerequisite: *Piano I*

Piano III

Continuation of Piano II. Students will learn to accompany an ensemble and explore compositions.
Prerequisite: *Piano II*

Piano IV

This group will present several concerts each year. The core ensemble of the orchestra is the string orchestra. Wind, brass, and percussion students will augment the ensemble for full orchestra for various concerts. Performance is required. Seniors will be required to complete two research projects as determined by the director.

Theater

Set Design and Construction

Designed to promote students' experience and skill development for theater productions. Students will create and design sets for the theater department productions.

Stage Craft I

Designed to promote students' experience and skill development in one or more aspects of theatrical production, such as lighting, set construction and stage management. Students will be involved in school plays, concerts, and miscellaneous presentations.
Prerequisite: *Students must be available for after-school practices and evening performances.*

Stagecraft II

Continuation of Stagecraft I, designed to investigate the design of sets, costumes, props, lighting, sound, and special effects. Students will be required to design, and tech shows and concerts.
Prerequisite: *Stagecraft I*

Theater I

Designed to provide the student with further exploration of the art of acting and the production of a play. Participants are expected to perform for a variety of audiences.

Theater II

Designed to provide the student with further exploration of the art of acting and the production of a play, which includes learning the 3 categories of stage makeup – character fantasy, and special effects. Participants are expected to perform for a variety of audiences.
Prerequisite: *Theater I*

Theater III

Students will collaborate in developing original dramatic pieces or short plays and will demonstrate ensemble in rehearsing and performing informal and formal theater works.
Prerequisite: *Theater II*

Theater IV Honors

Students will write scripts for stage productions and will demonstrate artistic discipline to achieve ensemble in rehearsal and performance of informal and formal theater works.
Prerequisite: *Theater III*

Music Appreciation

Music History and Literature
DUAL CREDIT

This course may be taken for normal or dual enrollment from Marshall University with honors credit. It is a survey of the major musical eras in western music and is essential for students considering music a college major or career choice. This course will also meet the college requirements for Music Appreciation (general level course required of most all collegiate majors).

Music Theory Honors

It involves a study of notation, chords, sight-reading, ear training, and composition. Essential for college music majors or minors. It is also recommended for students who want to improve their music reading and writing skills.
Prerequisite: *Permission from Teacher*

AP Music Theory

Covers the aspects of melody, harmony, texture, rhythm, form, musical analysis, listening, sigh-reading, composition, and some history and style. Participants in this honors level class will take the AP Music Theory exam at the conclusion of the school year.
Prerequisite: *Students must be proficient in music reading skills and basic music theory. Permission from teacher.*

Visual Arts

Art I
Basic Introduction to the visual arts.

Ceramics Pottery and 3D Design

Ceramics and Pottery I
Includes basic methods of hand building and wheel thrown pottery and glazing techniques.

Ceramics and Pottery II
Continuation of Ceramics I with an emphasis on developing basic ceramic techniques.
Prerequisite: *Ceramics and Pottery I*

Ceramics and Pottery III
This is a continuation of Ceramics II. It will concentrate on in-depth study and experimentation with wheel throwing and/or large hand-built pieces.
Prerequisite: *Ceramics and Pottery II*

Ceramics and Pottery IV
This is a continuation of Ceramics II. It will concentrate on in-depth study and experimentation with wheel throwing and/or large hand-built pieces.
Prerequisite: *Ceramics and Pottery II, III*

Sculpture- 3 D Design
The purpose of this course is to enable students to develop fundamental skills necessary to communicate a range of ideas using basic knowledge of three-dimensional art and sculpture media, design, processes, and techniques.
Prerequisite: *Art I, Drawing I or Ceramics I*

Digital Photography Art

Digital Photography I
Basic camera and photo editing techniques with an emphasis on project-based learning and experimentation to achieve creative images. Adobe photoshop will be used extensively in this class.

Digital Photography II
Continuation of Digital Photo I, with a heavy emphasis on the conceptual and thematic aspects of digital photography. This is an individualized and in-depth study of digital photography.
Prerequisite: *Digital Photography I*

Digital Photography III
This is a continuation of Digital Photography II.
Prerequisite: *Digital Photography II*

Digital Photography III

This is a continuation of Digital Photography III.

Prerequisite: ***Digital Photography III***

Drawing

Drawing I
Includes basic drawing instruction involving perspective, shading, composition, etc.

Drawing II
Develop basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.
Prerequisite: *Drawing I*

Drawing III

Continuation of Drawing II, curriculum covers basic perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts using knowledge of drawing media, processes, and techniques.
Prerequisite: *Drawing II*

Painting

Painting I

Learning various techniques and styles in the use of tempera, watercolor, ink wash, acrylics, etc. A good drawing background is beneficial. Many individual works will be completed.

Painting ll

Develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts.
Prerequisite: *Painting I*

Printmaking

Studio Printmaking

The purpose of this course is to enable students to develop knowledge of printmaking processes, techniques, and skills necessary to create and communicate a range of subject matter symbols, ideas, and concepts.
Prerequisites: *Art I or Drawing I*

AP Studio Art

AP Art History

The content will include an advanced level understanding of the history, practice and enjoyment of art. Students must take the AP exam to receive honors credit which is provided free to students enrolled in the course.

AP Studio Art

Designed for a student who wants to create a portfolio for admission to a college Art program. A portfolio will also be submitted to the College Board as a part of the AP assessment program.
Prerequisite: *2 other Visual Art courses or teacher recommendation*

Career Interest Electives

Agriculture

Introduction to Agriculture, Food and Natural Resources

The introductory course to all Agriscience programs. Designed for students who have an interest in and wish to incorporate basic skills in agriscience and/or agribusiness.

Companion Animal Care

Contains the ever-growing popularity of small domestic animals (dogs, cates, birds, fish, and other pets) and their care. Supervised Agricultural Experience is required. FFA membership is recommended.

Floriculture

Basic principles of floral design. Supervised Agricultural experience is required. FFA is recommended. Satisfies the Graduation Requirement for a Fine Art credit.

Air Force JROTC

Aerospace Science acquaints students with the elements of aerospace and aerospace Environment. It introduces them to the principals of aircraft flight and navigation, the history of aviation, development of air power, contemporary aviation, human requirements of flight, cultural and global awareness, geography, the space environment, space programs, space technology, rocketry, propulsion, the aerospace industry, and survival.

Leadership Education is the portion of the AFJROTC curriculum that develops leadership skills and acquaints students with the practical application of life skills. The leadership education curriculum emphasizes discipline, responsibility, leadership, fellowship, citizenship, customs and courtesies, cadet corps activities, study habits, time management, communication skills, career opportunities, life skills, financial literacy, management skills, and drill and ceremonies.

Wellness is an official and integral part of the Air Force Junior ROTC program. The objective of the Wellness/PT Program is to motivate cadets to lead healthy, active lifestyles beyond program requirements and into their adult lives. For class awarding elective or PE credit for AFJROTC Course, 20% of available contact time must be devoted to Wellness/PT instruction.

AFJROTC I

Covers the role of the military and the evolution and importance of air power in the history of the United States as well as the general defense structure of the United States, including the organization and mission of the US Air Force.

AFJROTC II

Designed to familiarize students with the aerospace environment, the principles of flights and navigation, and human limitations of flight.
Prerequisite: *AFROTC I*

AFJROTC III

Study propulsion systems principles, rocketry fundamentals and their applications to spacecraft, principles underlying space travel, and various aspects of space exploration.
Prerequisite: *AFROTC II*

AFJROTC IV

Participate in the management of the cadet corps and study careers available in the civilian and military aerospace communities.
Prerequisite: *AFROTC III*

AFJROTC V

First semester, students will study UAS (drone) regulations; airspace; weather and loading, performance, and operations of UAS. At the end of the semester, students will take the FAA Aeronautical Knowledge Test for their Remote Pilot Certificate. Second semester, the focus will be on the FAA Private Pilot written exam. Students will learn aerodynamics, FAA regulations, aircraft weight balance, and aircraft performance. Additionally, this course includes the same physical fitness and leadership found in all AFJROTC courses. Successful completion may earn students UAS operator's license and six college credits at WVU Tech.

Prerequisite: *AFJROTC 1. Algebra, Age 16 by March 1st.*

Engineering

Introduction to Engineering Design

Teaches problem solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer software.

Principles of Engineering

Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people.

Prerequisite: *Introduction to Engineering Design*

Digital Electronics

Teachers applied logic through work with electronic circuitry, which students also construct and test for functionality.

Prerequisite: *Introduction to Engineering and Principles of Engineering or Junior or Senior who has successfully completed Algebra II.*

Civil Engineering and Architecture

Provides and Overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other.

Prerequisite: *Introduction to Engineering and Principles of Engineering or Junior or Senior who has successfully completed Algebra II.*

Computer Science

AP Computer Science Principles

The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems. Students are required to complete the AP projects and take the AP Computer Science Principles exam at the end of this course.

Prerequisite: *Algebra I*

AP Computer Science A

The fundamentals of computing, including problem solving, working with data, understanding the internet, cybersecurity, and programming. The goal is to broaden your understanding of computer science for use in a diversity of majors and careers. AP Computer Science A *may be counted as a fourth math elective credit course and must be taught by a certified 9-12 math teacher.*

Prerequisite: *Algebra I and AP Computer Science Principles*

Computer Science & Mathematics

This introduction to programming course is designed to provide students with the opportunity to explore the uses of mathematics and computer programming as tools in creating effective solutions to complex problems. Students will develop and refine fundamental skills of computer science within a mathematical context. *Computer Science & Mathematics may be counted as a fourth math elective credit course and must be taught by a certified 9-12 math teacher.*

Apple Tech

Students will use Apple devices to assist their peers and teachers with essential daily tasks. This course will focus on students gaining extensive knowledge of Apple devices and applications. Students will also acquire Apple Teacher certification.

Culinary

Restaurant and Culinary Foundations

BLOCK

This course focuses on the preparation and service of safe food; basic introduction to in safety standards and restaurant equipment; and employability skills in the restaurant in .

Prerequisite: *Food Preparation*

Restaurant Management Essentials -

BLOCK

This course is designed to focus on restaurant essential processes, guest service and foo production. Students will learn about kitchen essentials in knife skills, stocks and sauces, and poultry, culinary math, and restaurant management. Students utilize problem-solvir techniques and participate in hands-on activities to develop an understanding of course concepts.

Prerequisite: *Minimum of "C" in Restaurant and Culinary Foundations*

Advanced Principles in Food Production
BLOCK

Industry emphasis in nutrition, operational cost, marketing, menu development, employability skills.

Prerequisite: *Minimum of "C" in Restaurant Management Essentials and Restaurar and Culinary Foundations*

The Restaurant Professional – Block

This course is designed to provide content related global cuisine, desserts and ba goods, meats and poultry, fish and seafood, culinary nutrition, and sustainability. Students utilize problem-solving techniques and participate in hands-on activities develop an understanding of course concepts.

Prerequisite: *Minimum of "C" in Advanced Principles in Food Production*

Baking and Pastry

This course focuses on weights, measures, and general baking, classifications, handling and storage of ingredients, safety, yeast raised dough products, cakes, cookies, batters, and breads. Students will also investigate careers in the culinary field.

Culinary Food Preparation

The student will focus on various food preparation and management skills that promote health and wellness of individual families.

Fitness and Wellness Training

Fitness and Conditioning
(Foundations of Wellness)

Students will learn the benefits of a healthy mind, body and spirit for one's overall health. This is the foundational course for learning more about the profession of a personal trainer and wellness coach. Students will learn about motivational theories, the scope of practice in the medical field, common conditions requiring wellness strategies, and the principles and techniques for wellness coaching.

Prerequisite: *High School Health*

Weight Conditioning I – Mod and Block

Students will learn and practice proper weightlifting techniques.

Prerequisite: *High School Physical Education*

Health Sciences

Foundations of Health Science – Mod and Block

Designed to allow instructional content to focus on basic medical terminology, growth and development, nutrition, health maintenance practices and healthcare delivery systems.
Prerequisite: *9th grade or higher reading level*

Advanced Principles of Health Science – Mod and Block

Instructional content will focus on healthcare safety, environmental safety processes and procedures, ethical and legal responsibilities and mathematical computations.
Prerequisite: *9th grade or higher reading level; 80% in Foundations of Health Science*

Body Structures and Functions

Students will understand the structures and functions of each system in the human body.
Prerequisite: *9th grade or higher reading level*

Essentials of Addiction and Prevention

Students will understand the structures and functions of each system in the human body.
Prerequisite: *9th grade or higher reading level*

Medical Terminology

Students will be introduced to the language of medicine.
Prerequisite: *9th grade or higher reading level*

Sports Medicine I

Designed to teach students components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sport psychology, and performance enhancement philosophies.
Prerequisite: *High School Health*

Human Services

Foundations in Education

This course is designed to introduce the history, development, organization, and practices of preschool, elementary, and secondary education. In addition to classroom training, students will participate in field experiences at local elementary, middle, and high schools. Students also gain the professional or skilled knowledge and skills necessary to begin a career in the education profession.

Parenting and Strong Families

Designed to help students evaluate readiness for parenting wile examining appropriate Parent and Strong Family practices.

Journalism

Mass Communication I

This course is designed to give students the opportunity for practical, hands-on experience in front of the television cameras and also to learn the basic production techniques needed for television.

Journalism I

Introduces the history, ethics, and journalistic writing, with major focus upon print media including yearbook and newspaper. Knowledge of news writing style, page design, reporting and interviewing techniques are critical skills developed in this course.
Prerequisite: *"C" or better in English*

Newspaper

Students will study Journalistic styles and assume positions of responsibility on the school newspaper's reporting staff, performing duties as outlined in the staff guidelines.
Prerequisite: *Journalism I*

Speech and Oral Communications

Designed for any student interested in becoming a better communicator. Special emphasis is placed on giving a student confidence when he or she is speaking either formally of informally in front of a group.

Yearbook

Students who are assuming a position on yearbook's editorial board are eligible for this course. Students will perform specific duties outlined in the Yearbook Staff Guidelines.
Prerequisite: *Journalism I*

Communications 103 - Block
Dual Credit

This class focuses on basic communication and public speaking skills. Upon successful completion of the course, students will receive both a high school honors credit and 3 hours of college credit to fulfill the oral communication (speech) requirement for most colleges. Students must have a 3.00 GPA to receive college credit in Communications 103 through Marshall University.

Transition to Work

Work Foundations

The focus of this course is the development of work habits, behaviors, and skill in a school-based setting that are transferable to competitive employment situations. The structure includes occupational-focused experiences, school-based activities with hands-on work-based practicum as well as a foundational work-related curriculum. Students have an opportunity to solve work related problems within the school to prepare for Career Exploration and Career Preparation and can include a student with an individualized education plan.

Career Exploration (BLOCK)

The focus of this course is the development of work-related habits, behaviors, and skills in a community-based setting. These skills are transferable to entry-level employment settings. The structure includes occupational-focused experiences with a hands-on work-based practicum. Through employee modeling, students can solve-wok related problems at job sites and learn how to do various tasks from business partners. Each work site is provided with a job coach to help develop skills.

Career Preparation (BLOCK)

The focus of this course is the development of work-related habits, behaviors, and skills in a community-based setting. These skills are transferable to entry-level employment settings. The structure includes occupational-focused experiences with a hands-on work-based practicum. Through employee modeling, students can solve-wok related problems at job sites and learn how to do various tasks from business partners. Each work site is provided with a job coach to help develop skills.

Career Awareness

The focus of this course is the development of work habits, behaviors and skill in a school-based setting that are transferable to competitive employment situations. The structure includes occupational-focused experiences, school-based activities with hands-on work-based practicum as well as a foundational work-related curriculum. Students have an opportunity to solve work related problems within the school to prepare for Career Exploration and Career Preparation and can include a student with an individualized education plan.

WE TRAIN TODAY'S STUDENT FOR TOMORROW'S CHANGING WORKPLACE.

2024-2025 COURSE GUIDE & PROGRAM APPLICATION

SIMULATED WORKPLACE

Cabell County
Career Technology Center
1035 Norway Ave, Huntington, WV 25705

2024-2025
COURSE OFFERINGS & DESCRIPTIONS

Automotive Technology, Building Maintenance & Operations, Business Administration, Carpentry, Coding App & Game Design, Collision Repair, Cosmetology, Electrical, Graphic Design, HVAC, Law & Public Safety, Machine Trades, Welding

**Offering Embedded Credit*

Cabell County
Career Technology Center
1035 Norway Ave, Huntington, WV 25705

Automotive Technology
Instructor: James Saylor
Email: james.saylor@k12.wv.us

Description: Students gain entry-level knowledge in careers/safety, basic electricity/electronics, steering/suspension/brake systems, engine construction/operation, fuel/emission/exhaust systems, and drive line service.

**Two-Year CTE completer program*
**Embedded Credit for Senior level math*

Building Maintenance & Operations
Instructor: Donald Bauman
Email: donald.bauman@k12.wv.us

Description: Building Maintenance and Operations prepares students for careers in the building and maintenance field through experience in carpentry, masonry, plumbing, electrical, and HVAC. Students in this program can expect to participate in extensive hands-on study through completing projects related to the field, including community service projects. The curriculum for Building Maintenance and Operations is focused on the nationally recognized NCCER certification program.

**Two-Year CTE completer program.*

Building Technology
Instructor: TBD
Email:

Description: This class is designed to explore career programs at the Cabell County Career Technology Center. Students will be involved in numerous projects to help the community.

*One year exploration program
*Fine arts credit towards graduation upon completion of program

Business Administration
Instructor: Malory Baker
Email: mmbaker@k12.wv.us

Description: The Administrative Support program is designed to develop student understanding and skills in the principles, concepts and practices of Microsoft Office Outlook, Word, PowerPoint, Excel, and Access. Students also learn office procedures and real-world skills such as typing, interview skills, phone etiquette, business planning, and personal finance. Students have the opportunity to earn certifications in OSHA 10 and multiple Microsoft Office Specialist Certifications including Outlook, Word, PowerPoint and Excel.

*One year CTE completer program.

Carpentry
Instructor: Hugh Roberts
Email: fhroberts@k12.wv.us

Description: Students will learn the basics of measurement and layout, hand and power
tools and basic construction principles used in the residential construction and light commercial construction industry.

**Two-Year CTE completer program*
**Embedded credit for Senior level math*

Coding App & Game Design
Instructor: Robert May
Email: robert.w.may@k12.wv.us

Description: Coding, Application and Game Design allows students to create content personalized to their desires, while focusing on industry standards. Students will use websites such as Code.org, Weebly, Adobe, Odyssey, Scratch, Unity, and Con-struct. Students will also venture into other digital media avenues such as Video Editing, Podcasting, and Social Media Management. Finally, students will get hands on experience with Swift code through Apple Coding. Languages taught: HTML, C++, Swift, XCode, Python, and Ruby.

**One-year CTE completer program*
**Computer Science + Math Embedded Credit*
**Fine Arts credit towards graduation upon completion of program*

Collision Repair
Instructor: Bobbie Payton
Email: bobbie.payton@k12.wv.us

Description: Students will gain entry-level knowledge on refinishing/painting techniques, basic welding, panel repair, and general maintenance of auto body and part fabrication.

**Two-Year CTE completer program*
**Embedded Credit for Senior level math*

Pre-Cosmetology (Juniors and Seniors ONLY)
Instructor: Marla McCann
Email: marla.mccann@k12.wv.us
Instructor: Carol Christopher
Email: carol.christopher@k12.wv.us

Description: Students will learn the principals of Hair Design including scalp care, shampooing, conditioning, haircutting, hairstyling, braiding and ex-tensions, wigs and hair additions, chemical texture services, and hair coloring. The program is a course of study consisting of a minimum of 1,000 clock hours. The WV State Board of Barbers and Cosmetology requires that each enrolled student in the Hairstyling Program fill out an application for student permit along with certificate of health. The student permit will require the following items listed below and will be sent to the WV Board of Barbers and Cosmetology.

- $25 dollar money order made payable to the WV Board of Barbers and Cosmetology.
- Copy of social security card
- Copy of state issued driver's license or a state issued ID card.
- Recent Photograph for program badge (picture we will take at school)
- Completed certificate of health form signed by a physician or nurse practitioner.

If you have questions regarding requirements or curriculum for the Hairstyling Program, please feel free to contact the Cabell County Career and Technology Center for further information.

**Offers embedded credit in Transitional English Language 12*
**Two-Year CTE completer program (Seniors/Juniors ONLY)*

Electrical
Instructor: Tony Vaughn
Email: dvaughn@k12.wv.us

Description: Students learn entry-level skills in residential wiring and touch on commercial wiring. Through learning these skills, they have the opportunity to become an apprentice electrician or Journeyman.

**Two-Year CTE completer program*
**Embedded credit for Senior level math*

Graphic Design
Instructor: Dale Martin
Email: gdmartin@k12.wv.us

Description: Students learn the basics of Adobe programs such as Photo Shop and Illustrator along with CorelDraw and Wasatch. Students also learn the skills for silk screening, decal and banner design, and printing. "Shirts Happen"

**Two-Year CTE completer program*
**Fine Arts credit towards graduation upon completion of program*

HVAC
Instructor: Charlie Vaughn
Email: charles.vaughn@k12.wv.us

Description: Students gain entry-level skills within refrigeration, electrical components related to HVAC equipment, and gain knowledge to sit for the EPA (Environmental Protection Agency) exam.

**Two-Year CTE completer program*
**Embedded credit for Senior-Level Math*

Law & Public Safety
Instructor: Capt. Brian Lawrence (Ret)
Email: brian.lawrence@k12.wv.us

Description: Learn the functions of the criminal justice system with a focus on law enforcement techniques. Hands-on training provided utilizing a use of force simulator, law enforcement personnel and crime scene investigation. The course touches on roles in Dispatching, Incident Command Systems, EMS, and Fire and Rescue. Certifications include first aid, CPR, AED, General Healthcare, Stop the Bleed, and FEMA.

**Two-Year CTE completer program*
**Senior– Level English Embedded Credit*

Machine Trades
Instructor: Jason Holley
Email: jason.holley@k12.wv.us

Description: This course is designed to give entry-level skills in conventional machining and CNC programming. Students will use common machine tools such as an engine lathe, milling machines, turning center, machining center, and various software as needed.

**Two-Year CTE completer program*
**Embedded credit for Senior level math*

Welding
Instructor: Jeremey Lewis
Email: Jeremey.lewis@k12.wv.us

Description: Learn the basics of metallurgy and fabrication. Students could potentially earn certification in MIG, TIG, and Stick welding.

**Two-Year CTE completer program*
**Fine arts credit towards graduation upon completion of program*
**Embedded Credit for Senior level math*

2024-2025
PROGRAM APPLICATION

Automotive Technology, Building Maintenance & Operations, Business Administration, Carpentry, Coding App & Game Design, Collision Repair, Cosmetology, Electrical, Graphic Design, HVAC, Law & Public Safety, Machine Trades, Welding

**Offering Embedded Credit*

Cabell County
Career Technology Center
1035 Norway Ave, Huntington, WV 25705

Cabell County Career Technology Center

PROGRAM APPLICATION

Student Information

Full name: _____ (Last / First / M.I.) Date: _____

Address: _____ (Street address / Apt/Unit #) Phone: _____

_____ (City / State / Zip Code) Birthdate: _____

Parent Name: _____ Phone: _____

WVEIS Number: _____ High School: _____ School Counselor : _____

Program applied for: (top choice) _____

Select three (3) programs below that you are most interested in: 1=first choice, 2=second choice, 3=third choice

_ Automotive Technology (Embedded Credit)
_ Building Maintenance & Operations
_ Building Technology (Fine Arts Credit)
_ Business Administration
_ Carpentry (Embedded Credit)
_ Coding App & Game Design (Fine Arts Credit)
_ Collision Repair (Embedded Credit)
_ Pre-Cosmetology (11th & 12th ONLY)
_ Electrical (Embedded Credit)
_ Graphic Design (Fine Arts Credit)
_ HVAC (Embedded Credit)
_ Law & Public Safety (Embedded Credit)
_ Machine Trades (Embedded Credit)
_ Welding (Fine Arts Credit, Embedded Credit)

Would you like to be considered for full time placement? __ Yes. __ No

**Disclaimer: Due to program population limits, the selection review committee will review academic performance, discipline, and attendance when considering participation in a program of study or as a full time student at CCCTC.*

References

Please list two professional references. (Someone NOT related to you)

Full name:		Relationship:	
Email:		Phone:	
Full name:		Relationship:	
Email:		Phone:	

Achievements

Why do you think you are the most qualified candidate for the CTE program you chose?

Simulated Workplace

The West Virginia Department of Education has worked with committee experts from numerous businesses and industries throughout West Virginia to design Simulated Workplace. This educational initiative has been created to assist schools in implementing workplace environmental protocols that align with West Virginia workforce requirements, including random drug testing, professionalism, attendance and safety. Simulated Workplace has not only enhanced instructional delivery of career education, but has created a more engaged career and technical student. The simulated workplace environment permits students the opportunity to take ownership of their individual performance as it impacts the overall success of their education, while thriving in an authentic workplace culture. Simulated Workplace also encourages local business and industry experts to join onsite review teams to assist schools in meeting their workforce needs and expectations.

Enrolling any technical program at CCCTC requires that students participate in specific task as mandated by WV Simulated Workplace. By initiating this each item below, I _____ acknowledge that I have read this application packet, and agreed to comply with the following requirements:

Print Your Name Here

____ Clock in and out daily (as required by instructor)
____ Wear a work uniform as required by program
____ Participate in random workplace drug testing
____ Complete all safety and other training as required
____ Maintain good attendance
____ Create and complete a CTE Portfolio
(initial each item)

Disclaimer and signature

I certify that my answers are true and complete to the best of my knowledge. If this application leads to acceptance into a program, I understand that false or misleading information in my application or interview may result in my release.

Student Signature:		Date:	
Parent Signature:		Date:	

2024-2025
14TH YEAR APPLICATION

Cabell County
Career Technology Center
1035 Norway Ave, Huntington, WV 25705

Year 14

Year 14

Cabell County Career Technology Center offers a Year 14 Program to eligible adults.

Year 14 students are adult (graduated) students who wish to take one of our high school course offerings. Year 14 students can choose from the following courses.

- Automotive Technology (Daytime only)
- Carpentry
- Collision Repair
- Coding, App, and Game Design
- Electrical Technician (Full Time Day Only)
- Graphic Design
- Hairstyling
- Machine Tool Technology
- Welding (Full time Day Only)

Things you will need to complete for program admission (in no particular order):

- Completed application form (available in Adult Education Office)
- Background check
- TABE test score of 9th grade or above
  (Tabe test may be waived for a recent ACT score of 20+ or SAT score of 1020+)
- Letter of Recommendation from your counselor and/or program instructor
- Transcript

Please call the Adult Education Office at 304-528-5108 for assistance with getting an application and scheduling a TABE test.

CABELL COUNTY CAREER TECHNOLOGY CENTER

YEAR 14 APPLICATION & DATA COLLECTION

Please Print Clearly

Application Deadline May 31. Due to demand, we suggest you not delay submitting your application.

14th Year Applications are only for the following classes: Please circle your choice.			
Automotive Technology	Carpentry	Electrical Tech	HVAC
A+ Gaming	Collision Repair	Graphic Design	Machine Tool Trade
Building Maintenance	Computer Repair	Pre-Cosmetology	Welding

Student Name _____ _____ _____ (_ _____)

Last First M.I. Other/Nickname

Social Security Number_____-_____-_____ Date of Birth____/____/_____

Male:_____Female_____ Email: _____

Mailing Address: _____ _____ _____ _____

Street Name, House Number, Apt. City State ZIP

Home Phone _____-_____-_____ Cell Phone _____-_____-_____

Ethnic Group – (requested by the Federal Government for statistical reporting purposes only)
PLEASE CHECK ONE OR MORE:

_____American Indian/ Alaskan Native__Asian_____Caucasian/White_____African American/Black

_____Hispanic/Latino _____ Nonresident Alien _____Native Hawaiian/Pacific Islander

First time attending a "POST SECONDARY" school? Yes _____ No _____

Our Accreditation Company requires us to ask: Is the interest in our Program for personal use only and not career Oriented: Yes _____ No _____

EMERGENCY CONTACT:

Name_____ Relationship_____

Address_____ _____ _____

Street Name, House Number, Apt. City State ZIP

Home Phone _____-_____-_____ Cell Phone _____-_____-_____

Date_____ Signature _____

Parent Signature (if under 18) _____

*Completing this form is not guaranteed acceptance into a program. Current High School Students have priority for courses listed above. You will be notified if you have been accepted.

"WE TRAIN TODAY'S STUDENT FOR TOMORROW'S CHANGING WORKPLACE."

Director/Principal • Melissa D. Ash

WEST VIRGINIA CODE
CHAPTER 18. EDUCATION.
ARTICLE 9A. PUBLIC SCHOOL SUPPORT.
§18-9A-2.

Office Use Only

WVEIS # _____ Program Attending _____

Instructor_____ Program Hours _____

Program Hours Per Week _____ Start Date___/_____/_____

"WE TRAIN TODAY'S STUDENT FOR TOMORROW'S CHANGING WORKPLACE."

Director/Principal • Melissa D. Ash

Revised 8/2023

PROMISE Scholarship

Graduating high school with a 3.0 GPA or better?
You may be eligible.

Cash in on all your hard work with the Promise Scholarship – and get thousands of dollars every year to pursue your college dream in West Virginia.

The Promise Scholarship is a merit-based financial aid program for West Virginia high school graduates planning to attend one of the state's public or independent two- or four-year institutions.

Students who achieve certain academic requirements can receive up to $5,200, starting with the 2023-2024 academic year, in annual awards to cover tuition and mandatory fees. Awards are contingent upon annual funding of the program by the WV State Legislature.

Academic Requirements

Must achieve a cumulative grade point average of ***at least a 3.0*** on a 4.0 scale or whatever is considered a "B" average, based on county board grading policies, in both core courses AND overall coursework required for graduation by the West Virginia Department of Education.

Test Score Requirements

SAT Score
- Total Score: 1080
- Math: 510
- EBRW: 510
- Writing portion is not included in calculating the composite score

ACT Score
- 21 Composite
  - 19 in English
  - 19 in Math
  - 19 in Science
  - 19 in Reading

Timeline for the Class of 2024

October 1, 2023
PROMISE Scholarship Available
FAFSA Available

March 1, 2024
Promise Application Deadline
FAFSA Filing Deadline

June 2024
Last SAT Date to Qualify for PROMISE

July 2024
Last ACT Date to Qualify for PROMISE

PROMISE SCHOLARSHIP
West Virginia Higher Education Policy Commission

For more information on the PROMISE Scholarship, visit **collegeforwv.com**.

Financial Aid Opportunities

Cabell County Career Technology Center offers a Year 14 Program, and tuition is waived for year 14 students.
Please call the Adult Education Office at 304-528-5108 for more information about the program, applications, and scheduling assistance.

MARSHALL UNIVERSITY

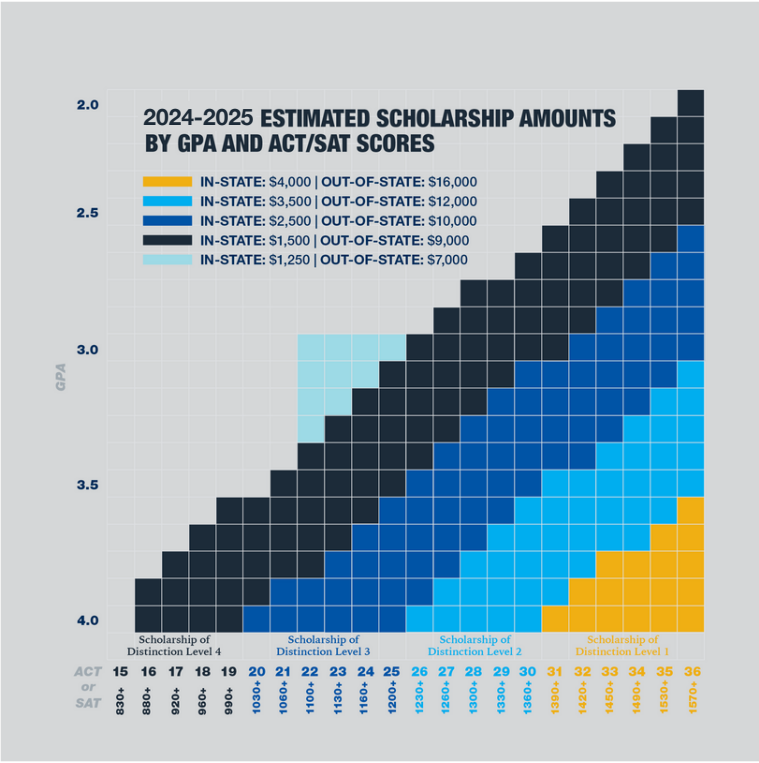
2024-25 Merit-based Scholarships for Incoming Freshmen - Resident

SCHOLARSHIP	CRITERIA	AMOUNT
JOHN MARSHALL	HS GPA>=3.9 & ACT>=30 or SAT>=1360	$5,500
JOHN LAIDLEY	HS GPA>=3.7 & ACT>=28 or SAT>=1300	$4,500
BOARD OF GOVERNORS	HS GPA>=3.5 & ACT>=26 or SAT>=1230	$4,000
PRESIDENTIAL	HS GPA>=3.25 & ACT>=24 or SAT>=1160	$3,000
A. MICHAEL PERRY	HS GPA>=3.0 & ACT>=22 or SAT>=1100	$2,500
OPPORTUNITY GRANT	HS GPA>=3.0 & ACT>=20 or SAT>=1030-1090	$2,000

For more information contact the Office of Student Financial Aid
sfa@marshall.edu or 304-696-3162

Scholarship of Distinction

The Scholarship of Distinction is for score senders.



Mountwest Community & Technical College

West Virginia Invests is a “last-dollar-in” financial aid program designed to cover the cost of basic tuition and fees for certificate or associate degree programs in specific high-demand fields.

Visit http://wvinvests.org/find-a-program/ to see a list of available programs at Mountwest.