

2025-2026 Cabell Midland Knights



Course Selection Guide Grades 10-12



Updated December 4, 2024

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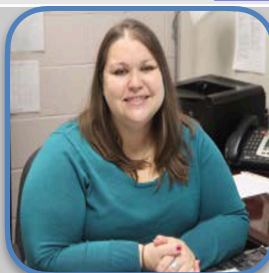
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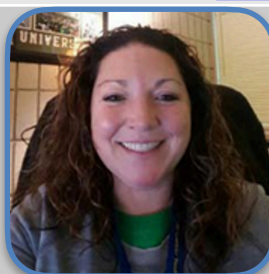
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Core Requirements for Graduation

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

Credits Required: 24

- **English Language Arts:** 4 credits
- **Math:** 4 credits
- **Science:** 3 credits (4 credits recommended if planning to attend college)
- **Social Studies:** 4 credits
- **Personal Finance:** 1 credit (Beginning with the 2024-2025 freshman cohort)
- **Physical Education:** 1 credit
- **Health:** 1 credit
- **The Arts:** 1 credit (Music, visual art, dance, or theatre; Some CTE courses may count for this credit. Students should talk to their counselor.)
- **Personalized Education Plan (PEP):** 4 credits (4 credits in a CTE program of study or 4 credits that lead to post-secondary goals)
- **World Languages:** 2 credits of the same language if planning to attend college

WVBE Policy 2315 Policy Requirements for PEP

3.22. Personalized Education Plan (PEP). Developed collaboratively, involving students, parents/guardians, teacher advisors, and school counselors as a part of the personalized student planning process. The PEP identifies the student's career interests and courses needed for graduation and assists with high school and postsecondary goal planning. Policy 2510 and the West Virginia School Counseling Model outline grade-level expectations for completing the PEP.

5.4.a.4. Personalized Student Planning. Personalized student planning is a direct student service that provides students with opportunities to plan, monitor, and manage their academic, college and career, and social/emotional development. Personalized planning allows students to develop academic and social/emotional skills, identify interests, maximize strengths, minimize weaknesses, set and reach personal and educational goals, and realize their career aspirations. The school counselor works closely with the school leadership team to plan ongoing opportunities during the school day for career exploration and self-discovery at all programmatic levels. The Personalized Education Plan (PEP), described in Policy 2510, is part of the personalized student planning process and is developed for each student, starting in 8th grade. The PEP is developed in consultation with the student's parent and/or guardian, school counselor, and/or teacher advisor and is used to guide, personalize, and maximize each student's learning experience.

Advanced Placement and Honors

Highly motivated students are encouraged to take honors and AP courses while in high school. Students who register for these courses should expect an increased amount of work, both in school and after school hours, as well as increased complexity of 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 receive a weighted grade upon taking the end-of-course AP exam
- Passing scores allow students to receive college credit (see College Board website)

Caution: *The student and parent need to consider the following factors when registering for honors and AP: motivation, attendance, and time management required by these courses. Parents and students need to pay close attention to the section on **Withdrawal from Honors and AP courses.***

AP and Honors 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.
- 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.
- Also, refer to the AP contract for additional information on AP Policies.

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 courses.

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 Exam Equivalency for Marshall University

Exam Name	Minimum Score Required	Number of Credits	Equivalent Course
AP 2-D Art and Design	3	3	ART 214
AP 3-D Art and Design	3	3	ART 215
AP Art History	3	3	ART 112 or 101
AP Biology	3	8	BSC 104 & 105
AP Biology	4	8	BSC 120 & 121
AP Calculus AB	3	5	MTH 132
AP Calculus AB	4	8	MTH 130, 229
AP Calculus BC	3	8	MTH 130, 229
AP Calculus BC	4	9	MTH 229 & 230
AP Chemistry	5	10	CHM 211, 212, 217 & 218
AP Chemistry	4	5	CHM 211 & 217
AP Chemistry	3	3	CHM 203
AP Comparative Government and Politics	3	3	PSC 105
AP Computer Science A	3	3	IST 264
AP Computer Science Principles	3	3	CS 105
AP Drawing	3	3	ART 217
AP English Language and Composition	3	3	ENG 101
AP English Language and Composition	4	6	ENG 101 & 201
AP English Literature and Composition	3	3	ENG 231
AP English Literature and Composition	4	6	ENG 231 & 213
AP Environmental Science	3	4	
AP European History	3	6	HST 102 & 103
AP French Language and Culture	4	9	FRN 101, 102 & 203
AP French Language and Culture	3	6	FRN 101 & 102
AP German Language and Culture	3	6	GER 101 & 102

AP German Language and Culture	4	9	GER 101, 102 & 203
AP Human Geography	3	3	GEO 100
AP Japanese Language and Culture	3	6	JPN 101 & 102
AP Japanese Language and Culture	4	9	JPN 101, 102 & 203
AP Macroeconomics	3	3	ECN 253
AP Microeconomics	3	3	ECN 250
AP Music Theory	3	3	MUS 101
AP Music Theory	4	5	MUS 101, 111
AP Music Theory	5	6	MUS 111, 112 & 113
AP Physics 1	3	3	PHY 201
AP Physics 2	3	3	PHY 203
AP Physics 2	4	6	PHY 201, 203
AP Physics C: Electricity and Magnetism	3	4	PHY 213
AP Physics C: Electricity and Magnetism	4	8	PHY 211, 213
AP Physics C: Mechanics	3	4	PHY 211
AP Psychology	3	3	PSY 201
AP Spanish Language and Culture	4	9	SPN 101, 102 & 203
AP Spanish Language and Culture	3	6	SPN 101 & 102
AP Spanish Literature and Culture	3	6	
AP Statistics	3	3	STA 225, MGT 218
AP United States Government and Politics	3	3	PSC 104
AP United States History	3	6	HST 230 & 231
AP World History: Modern	3	6	HST 101, 102 or 103 (two of the

AP Exam Equivalency for West Virginia University

Exam Name	Minimum Score Required	Number of Credits	Equivalent Course
AP 2-D Art and Design	4	3	ART 121
AP 2-D Art and Design	3	3	ART 1AP
AP 3-D Art and Design	3	3	ART 1AP
AP 3-D Art and Design	4	3	ART 122
AP Art History	3	3	ARHS 101
AP Biology	3	3	BIOL 1AP
AP Biology	4	3	BIOL 101
AP Calculus AB	3	3	MATH 1AP
AP Calculus AB	4	4	MATH 155
AP Calculus BC	3	4	MATH 155
AP Calculus BC	4	4	MATH 156
AP Chemistry	3	4	CHEM 1AP
AP Chemistry	4	4	CHEM 116 and CHEM 116L
AP Chinese Language and Culture	3	3	CHIN 102
AP Comparative Government and Politics	3	3	POLS 250
AP Computer Science A	4	4	CS 110
AP Computer Science A	3	3	CS 1AP
AP Computer Science Principles	3	3	CS 1AP
AP Drawing	3	3	ART 1AP
AP Drawing	4	3	ART 111
AP English Language & Composition	4	3	ENGL 101
AP English Language & Composition	3	3	ENGL 1AP
AP English Language & Composition	5	3	ENGL 103
AP English Literature & Composition	3	3	ENGL 1AP
AP English Literature & Composition	4	3	ENGL 132
AP Environmental Science	3	4	SUST 1AP

AP European History	3	3	HIST 102
AP French Language and Culture	3	3	FRCH 102
AP French Language and Culture	4	3	FRCH 204
AP German Language and Culture	3	3	GER 102
AP German Language and Culture	4	3	GER 204
AP Human Geography	3	3	GEOG 108
AP Italian Language and Culture	3	3	ITAL 102
AP Italian Language and Culture	4	3	ITAL 204
AP Japanese Language and Culture	3	3	JAPN 102
AP Japanese Language and Culture	4	3	JAPN 204
AP Latin	3	3	WLLL 1AP
AP Macroeconomics	3	3	ECON 202
AP Microeconomics	3	3	ECON 201
AP Music Theory	3	3	MUSC 110
AP Physics 1	3	4	PHYS 101 and PHYS 101L
AP Physics 2	3	4	PHYS 102 and PHYS 102L
AP Physics C: Electricity & Magnetism	3	4	PHYS 112 and PHYS 112L
AP Physics C: Mechanics	3	4	PHYS 111 and PHYS 111L
AP Precalculus	3	3	MATH 1AP
AP Precalculus	4	3	MATH 129
AP Psychology	3	3	PSYC 101
AP Research	3	2	HONR 297
AP Seminar	3	1	HONR 297
AP Spanish Language and Culture	3	3	SPAN 102
AP Spanish Language and Culture	4	3	SPAN 204
AP Spanish Literature and Culture	3	3	SPAN 1AP
AP Statistics	3	3	STAT 211
AP US Government and Politics	3	3	POLS 102
AP United States History	3	3	HIST 153
AP World History: Modern	3	3	HIST 180

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 limited. 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 (10) hours of approved community service for graduation. Documentation is required to be submitted to the student's counselor.

Course Withdrawals

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 permanent record card and a zero used in computing the grade point average. In special cases, the principal may award a W for early withdrawal if the student is misplaced in a class.

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. The courses will not be offered for the purpose of raising a student's GPA or eligibility stance. 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.

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.

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.

WVVS Grade Transcripts and Drop Policy

Most WVVS course providers allow a trial period during which students can drop a virtual course without penalty. Any student can withdraw from virtual school within the first ten days at the start of each semester. 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. This would include virtual courses taken over the summer in order to meet or exceed graduation requirements.

College Entrance Exams

The college entrance tests are given by two testing agencies: The College Board administers the PSAT/NMSQT and SAT, and the American College Testing Program administers the ACT. For detailed information on the nature of these tests and the preferred testing dates, see the counselors.

PSAT/NMSQT

The Preliminary Scholastic Aptitude Test/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. The PSAT/NMSQT National Testing Date is usually in October. This exam has no makeup dates.

SAT

The West Virginia Department of Education uses CollegeBoard's SAT as its general summative assessment for eleventh graders. To better prepare our ninth and tenth-grade students for this exam, Cabell County elects to utilize the PSAT 8/9 with our ninth-graders, the PSAT 10 with our tenth-graders, and the PSAT/NMSQT in the fall of each year with our eleventh-graders.

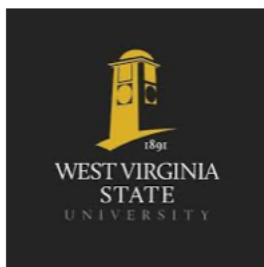
- The PSAT 8/9 is used to both familiarize students with the exam and provide a baseline on their level of readiness as they enter our schools.
- The PSAT 10 and PSAT/NMSQT then serve as benchmarks for students' progress as they move from grade to grade.
- The PSAT/NMSQT automatically enters our students into a college scholarship sweepstakes. Students scoring in the top 1% of test-takers in the state will be designated as semi-finalists.

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.

ACT and SAT Scores Needed for Dual Credit Courses

Students interested in registering for dual credit courses must have their scores by the first day of class to be eligible. For 10th graders planning to enroll in 11th grade dual credit courses, it's recommended to take the required test in the spring or summer before the school year begins.



Dual Enrollment

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 (math, biology, Spanish, 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 (approximately 1/4 the cost of on-campus courses)
 - 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 credit 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 Marshall University, WV State, or Mountwest.
- Juniors and seniors enrolling in these classes must apply to Marshall University, WV State, or Mountwest and have a transcript, have a 3.0 cumulative grade point average on the day of enrollment, and have a letter of recommendation from the principal or school counselor.
- 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.
- Freshmen and sophomores may be eligible with further requirements (see following chart). The bursar fee** will be \$25 (subject to change) per credit hour.
- Students who plan to attend a different college should check with that college's admission requirements to ensure that dual credit courses will transfer.

**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.

Dual Enrollment Courses – Marshall University	
High School Course	College Credit Course
Algebra III (3051)	MTH 127 – 5 hrs Prerequisite: 3.0 GPA
Art History, Appreciation, and Criticism (3233)	ART 112 - 3 hrs
College Biology I (6025)	BSC 104, 104L, 105, and 105L – 8 hrs
Contemporary Studies (7011)	HST 103 – 3 hrs
English Language Arts 12 (4012)	ENG 101/201 – 6 hrs Prerequisite: 3.0 GPA
Music Appreciation/History (3671)	MUS 142 - 3 hrs
Speech/Oral Communication (4076)	CMM 103 – 3 hrs
Advanced Principles of Sports Medicine (0841)	HS 222 - 3 hrs
Athletic Injury Recognition and Prevention (0842)	HS 212 - 3 hrs
Practical Applications of Sports Medicine (0843)	HS 215 - 3 hrs
Introduction to Child Development (1307)	EDF 201 - 3 hrs
Introduction to Social Emotional and Behavioral Wellness (1309)	WELL 305 - 3 hrs
Exceptionalities/Diversity (1310)	CISP 421 - 3 hrs
Professional Education (1312)	EDF 475 - 3 hrs

Dual Enrollment Courses – WV State University	
High School Course	College Credit Course
Advanced Mathematical Modeling (3025)	MTH 111E – 3 hrs Prerequisite: Must have taken the ACT or SAT
Trigonometry/Precalculus (3073)	MATH 102 and MATH 121 - 6 hrs Prerequisite: Must have an ACT Math score of 23 or an SAT Math score of 540 to receive dual credit

Dual Enrollment Courses – Mountwest	
High School Course	College Credit Course
American Sign Language I (5691)	ASL 101, 101L, 102, and 102L - 8 hrs
American Sign Language II (5692)	ASL 201, 201L, 202, and 202L - 8 hrs
Medical Terminology (0721)	AH 151 - 3 hrs

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
- Healthcare Professions
- Information Technology
- 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

NCAA Athletic Eligibility

Initial-Eligibility Standards

If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at eligibilitycenter.org. Plan to register before your freshman year of high school. For more information on registration, visit on.ncaa.com/RegChecklist.

Academic Requirements

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

Division I

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:

ENGLISH	MATH (Algebra I or higher)	SCIENCE (Including one year of lab, if offered)	EXTRA (English, math or science)	SOCIAL SCIENCE	OTHER Any area listed to the left or courses listed in additional discipline (world language, comparative religion or philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

Division III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.



GRADE
9
REGISTER

- » If you haven't yet, **register** for a free Profile Page account at eligibilitycenter.org for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's **interactive map** to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at eligibilitycenter.org/courselist to ensure you're taking the right courses, and earn the best grades possible!

GRADE
10
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE
11
STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE
12
GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at eligibilitycenter.org.
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

10th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

11th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES

12th GRADE

(1) English
(1) Math
(1) Science
(1) Social Science and/or other

4 CORE COURSES



CONTACT THE NCAA ELIGIBILITY CENTER

U.S. and Canada (except Quebec):
877-262-1492 (toll free), Monday-Friday
9 a.m. to 5 p.m. Eastern time



[@ncaaec](https://twitter.com/ncaaec) [@ncaaec](https://www.youtube.com/channel/UCncaaec) [@ncaaec](https://www.facebook.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports)



WVSSAC

ATHLETES



Eligibility Rules and Regulations

This summary of WVSSAC athletic eligibility rules should be posted in places conspicuous to participating and potential athletes. Students must understand that these statements are abbreviations of the rules. Students should contact the principal for further explanation of details, exceptions and rule references.

Protect Athletic Eligibility

To Be Eligible to Represent A School in Any Interscholastic Contest, A Student:

1. Must be a regular bona fide student in good standing of the school.
2. Must have enrolled not later than the eleventh day of the current school year and the school from which he/she transferred may not have participated in a contest/scrimmage that year.
3. Must have earned at least 2 units of credits the previous semester. Summer School may be included. A semester course that constitutes 8100 minutes of instruction (block schedule) will count as two subjects. The student may select four full credits from any area of the curriculum offered by the school.
4. Must have attained an overall "C" (2.00) average the previous semester. Summer School may be included.
5. Must not have reached his/her 15th (MS) or 19th (HS) birthday before July 1 of the current school year. (Revised 2022, Effective September 12, 2022)
6. Must be residing with parent(s) as specified by the Rule & Regulation Handbook. (See your principal for details.)
 - unless parents have made a bona fide change of residence during school term.
 - unless an AFS or other approved Foreign-Exchange student (one year of eligibility only).
7. Any student residing with a guardian/custodian may not compete for a school in any sport on the varsity level.
8. Must be an amateur as defined by the Rules & Regulation Handbook.
9. Must have submitted to your principal prior to becoming a member of any school athletic team the Participation/Parent Consent/Physician Form, completely filled in and properly signed, attesting that the student has been examined and found to be physically fit for athletic competition and that parents or guardian consent to your participation.
10. Must not have transferred from one school to another for athletic purposes.
11. Must not have transferred as a result of undue influence or persuasion by any individual or group of people.
12. Must not have received, in recognition of your ability as a HS or MS athlete, any award not presented or approved by your school or the WVSSAC.
13. Must not, while a member of a school team in any sport, become a member of any non-school team or as an individual participant in a non-school organized competition in the same sport during the school sport season (See Exception Rule).
14. A graduating senior or any student completing athletic eligibility at the end of the current school year may play in two all-star games upon conclusion of that sport season. (Revised 2022)
15. Must not have been enrolled in more than (8) semesters in grades 9 to 12. Must not have participated in more than four (4) seasons in any one sport in grades 9-12 or six (6) semesters in grades 6-8. (Effective 2023-24)
16. Ninth graders who have been permitted by their county and parents to try out for a varsity sport may not return to the 9th grade team in that sport if the high school team has had a contest (scrimmage or game). (See Exception Rule.)



Embedded Credit Offerings

By implementing embedded credit courses, students in Cabell County will 1) have continued opportunities to complete both a rigorous academic and career technical education courses/concentrations, and 2) be prepared for college and career by improving their achievement. The intent of embedded credit is not to create a time-shortened high school experience but rather to provide opportunities for students to participate in advanced academic and/or career/technical education courses without having to choose one over the other.

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
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
ProStart (Completion of four-course sequence)	CMHS & HHS	Transition ELA for Seniors
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	Transition Mathematics for Seniors
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 rising grade level.

	Grade 9	Grade 10	Grade 11	Grade 12
Math Sequence	Algebra I	Geometry	<ul style="list-style-type: none"> Algebra II Applied Statistics** Financial Algebra** Introduction to Mathematical Applications** 	<ul style="list-style-type: none"> Advanced Mathematical Modeling Applied Statistics** Financial Algebra** Introduction to Mathematical Applications** Statistics Transition Mathematics for Seniors** Trigonometry/Pre-Calculus AP Math Dual Credit Math
8th Grade: Algebra I	Geometry	Algebra II	<ul style="list-style-type: none"> Trigonometry/Pre-Calculus AP Math Dual Credit Math 	<ul style="list-style-type: none"> 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, Financial Algebra, Applied Statistics, or Introduction to Mathematical Applications as credit-bearing courses for admission.

Core Courses

English Language Arts

Policy 2510 Graduation Requirements		
Subject	Graduation Requirements	Personalized Course Options
English Language Arts (ELA) 4 credits	3 Prescribed Credits English 9 English 10 English 11 1 Additional Personalized Credit from Course Options Note: An Advanced Placement (AP®), Dual Credit, or International Baccalaureate (IB®) ELA course may be substituted for an equivalent ELA credit. English Language Arts (Policy 2520.1A)	Courses Required to be Offered One credit from English 12 or Transition English Language Arts for Seniors or Creative Writing and Reading or Technical English Language Arts
		Additional Course Options English Language Arts College Courses County-created and Approved English Language Arts Courses based on student need and interest ensuring state standards for English are met

Advanced Communications	Course Code: 4021	Grades: 9-12	Terms: 2	Credit: 1
Advanced Communications is a comprehensive course designed for high school students to enhance their communication skills across various contexts. This course focuses on advanced techniques in public speaking, interpersonal communication, and media literacy. Students will engage in practical exercises, presentations, and collaborative projects, fostering critical thinking and effective messaging. Emphasis will be placed on understanding audience dynamics and utilizing technology to enhance communication, preparing students for success in both academic and professional environments.				

AP English Language & Composition	Course Code: 4041	Grades: 11	Terms: 2	Credit: 1
College-level course which develops close-reading and analytical skills of primarily nonfiction prose and participate in intensive writing workshops for academic writing and reading, including rhetorical analysis, argumentation, and research writing. Obtain college English credit and/or advanced placement in college by scoring a 3 or higher on the Advanced Placement exam.				

AP English Literature & Composition	Course Code: 4042	Grades: 12	Terms: 2	Credit: 1
AP Literature is a college-level honors course in which academically mature and disciplined students are given the opportunity to obtain not only college English credit but also advanced placement in college English courses by successfully completing the AP test for English Literature and Composition. Even more importantly, it prepares students for all college coursework. The course engages students in the careful reading and critical analysis of imaginative literature. AP Literature begins with prerequisite preparatory readings over the summer before the course.				

Creative Writing and Reading	Course Code: 4027	Grades: 12	Terms: 2	Credit: 1
Creative Writing and Reading is an innovative course designed to fulfill the fourth English credit requirement for high school students in West Virginia. This course encourages students to explore various genres of writing, including poetry, short stories, and creative nonfiction, while also engaging with diverse literary works. Through writing exercises, peer feedback, and reading discussions, students will develop their unique voices, enhance their writing skills, and gain a deeper appreciation for the craft of storytelling.				

Creative Writing I	Course Code: 4022	Grades: 9-12	Terms: 2	Credit: 1
Designed for high achieving students 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. Elective course.				

Dual Credit: English Language Arts 12	Course Code: 4012	Grades: 12	Terms: 2	Credit: 1
Marshall University Courses: ENG 101 & ENG 201 This course combines high school English curriculum with college-level coursework, offering students the opportunity to earn dual credit for English 101 and English 201. Students will engage in critical reading and writing, focusing on composition, research skills, and analytical thinking. Through the exploration of diverse texts and genres, learners will develop their ability to construct well-reasoned arguments and articulate their ideas effectively. This rigorous course prepares students for the demands of college-level writing while enhancing their overall communication skills.				
Prerequisite: Students must have a 3.0 GPA to enroll in this course.				

Dual Credit: Speech/Oral Communication	Course Code: 4076	Grades: 9-12	Terms: 1	Credit: 1
Marshall University Course: CMM 103 This course is only offered as a block and is 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 or informally in front of a group.				

English Language Arts 9	Course Code: 4009	Grades: 9	Terms: 2	Credit: 1
Integrated study of the language arts, including literature, grammar, usage, mechanics, and composition designed for high school freshmen with an emphasis on grammar and the writing process.				

English Language Arts 9 Honors	Course Code: 4009	Grades: 9	Terms: 2	Credit: 1
This advanced course offers an integrated study of the language arts, encompassing literature, grammar, usage, mechanics, and composition. Designed for high school freshmen who are ready to engage in a challenging academic environment, English 9 Honors emphasizes critical analysis of diverse literary works while honing advanced grammar skills and refining the writing process. Students will explore complex texts, develop their analytical thinking, and produce sophisticated written compositions that reflect a deep understanding of language and style.				

English Language Arts 10	Course Code: 4010	Grades: 10	Terms: 2	Credit: 1
Integrated study of language arts, including literature, grammar, usage, mechanics, and composition designed for high school sophomores with an emphasis on grammar, independent reading, the Writing Process, and forms of literature.				

English Language Arts 10 Honors	Course Code: 4010	Grades: 10	Terms: 2	Credit: 1
This rigorous course emphasizes the exploration of diverse literary genres, advanced grammar, and refined composition techniques. Designed for high school sophomores seeking an intellectually stimulating environment, students engage critically with complex texts and articulate their insights through sophisticated writing. Collaborative discussions and in-depth analysis enhance their analytical skills. Ultimately, students will produce polished compositions that demonstrate a deep understanding of literary elements and effective communication.				

English Language Arts 11	Course Code: 4011	Grades: 11	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a block. This course focuses on American literature, exploring significant texts from various periods and genres. Students will engage in critical analysis, discussing themes, historical contexts, and the impact of literature on society. Emphasis is placed on developing advanced writing skills through essays and research projects, allowing students to articulate their insights and interpretations effectively. Additionally, students will refine their grammar and usage skills to enhance their overall communication.				

English Language Arts 12	Course Code: 4012	Grades: 12	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a block. This course offers a comprehensive study of British literature, examining influential works from the medieval period to contemporary literature. Students will analyze texts in relation to their cultural and historical contexts, fostering a deeper understanding of literary movements and themes. The course emphasizes the development of sophisticated writing skills through various assignments, including analytical essays and creative projects. Students will also focus on refining their oral communication skills through presentations and discussions.				

Journalism	Course Code: 4051	Grades: 9-12	Terms: 2	Credit: 1
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				

Mass Communication	Course Code: 4157	Grades: 9-12	Terms: 2	Credit: 1
Dive into the dynamic world of mass communication in this high school course. From print to digital media, students will explore the principles and practices of journalism, broadcasting, advertising, and public relations. Through hands-on projects and real-world simulations, students will develop essential skills in writing, editing, interviewing, and multimedia production. Emphasis will be placed on critical thinking, ethical decision-making, and the role of media in society. Whether you're interested in journalism, broadcasting, or advertising, this course offers a comprehensive foundation for understanding and participating in the ever-evolving field of mass communication.				

Mythology	Course Code: 4138	Grades: 9-12	Terms: 2	Credit: 1
Elective course designed to introduce students of any grade to the basic concepts of Greek, Roman, Norse, and Egyptian mythology.				

School Newspaper	Course Code: 4066	Grades: 9-12	Terms: 2	Credit: 1
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.				

School Yearbook	Course Code: 4071	Grades: 9-12	Terms: 2	Credit: 1
Students will be members of the yearbook staff. For this class, students will sell yearbook sponsorships, advertise for the sale of the yearbook, take photos, interview students, attend events and activities, help with school picture day and design pages and elements of the yearbook.				

Speech Forensics	Course Code: 4129	Grades: 9-12	Terms: 2	Credit: 1
Speech Forensics is an engaging course that introduces students to the art of public speaking and competitive speech events. Students will develop essential skills in argumentation, persuasion, and effective communication through participation in various formats, including debate, oral interpretation, and extemporaneous speaking. Emphasis will be placed on research, critical thinking, and performance techniques, preparing students for competitions while fostering confidence and eloquence in their speaking abilities.				

Speech/Oral Communication	Course Code: 4076	Grades: 9-12	Terms: 2	Credit: 1
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 or informally in front of a group.				

Technical English Language Arts	Course Code: 4017	Grades: 12	Terms: 2	Credit: 1
Technical English Language Arts for seniors is a specialized course designed to equip students with the reading, writing, and communication skills necessary for success in technical fields. This course focuses on analyzing technical texts, creating clear and concise documentation, and developing effective presentation skills. Students will engage in real-world projects that emphasize critical thinking and problem-solving, preparing them for post-secondary education or careers in various technical disciplines while enhancing their overall literacy and communication abilities.				

Transition English Language Arts for Seniors	Course Code: 4013	Grades: 12	Terms: 2	Credit: 1
Transition English Language Arts for Seniors is designed for students who have not met the college- and career-readiness benchmark. The purpose of the course is to help develop the skills necessary for success in credit-bearing postsecondary courses and/or the workplace. This course will solidify students' reading, writing, speaking/listening, and language skills as they interact with texts of varying complexity.				

Mathematics

Policy 2510 Graduation Requirements		
Subject	Graduation Requirements	Personalized Course Options
Mathematics 4 credits Note: Beginning with the 2024-2025 freshman cohort, Math I Lab and Algebra I Support will no longer count toward a Mathematics graduation requirement. Beginning with the 2023-2024 school year counties may offer one credit of Introduction to Mathematical Application (Grades 9-12). Students may take Data Science as a personalized Mathematics credit.	2 Prescribed Credits Algebra I or Math I Geometry or Math II 2 Additional Personalized Credits from Course Options Note: An AP®, Dual Credit, or IB® Mathematics course may be substituted for an equivalent Mathematics credit. Mathematics (Policy 2520.2B)	Courses Required to be Offered Algebra II/Math III, Trigonometry/Pre-calculus/Math IV, Applied Statistics, Transition Mathematics for Seniors
		Additional Course Options Introduction to Mathematical Applications AP® Computer Science A Advanced Mathematical Modeling Calculus Statistics Quantitative Reasoning Mathematics college courses Computer Science and Mathematics County-created and Approved Math Courses higher than Math III or Algebra II Financial Algebra/Mathematics Data Science

Algebra I	Course Code: 3061	Grades: 9	Terms: 2	Credit: 1
Students will focus on four key domains that deepen and extend their understanding of linear and exponential relationships. They will explore the contrasts between these relationships, apply linear models to data with linear trends, and engage in methods for analyzing, solving, and utilizing quadratic functions.				

Algebra II	Course Code: 3072	Grades: 9-11	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a 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	Course Code: 3072	Grades: 9-11	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a 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 Honors				

AP Calculus (AB)	Course Code: 3031	Grades: 11-12	Terms: 2	Credit: 1
This course meets for a block both semesters. 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 with a grade of A or B				

AP Calculus (BC)	Course Code: 3032	Grades: 11-12	Terms: 2	Credit: 1
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 Computer Science A (Math Credit)	Course Code: 3030	Grades: 10-12	Terms: 2	Credit: 1
AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students are required to take the AP Computer Science A exam at the end of this course.				
Prerequisite: Algebra 2 and AP Computer Science Principles recommended				

AP Statistics	Course Code: 3033	Grades: 10-12	Terms: 2	Credit: 1
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.				

Applied Statistics	Course Code: 3028	Grades: 11-12	Terms: 2	Credit: 1
Applied Statistics provides authentic experiences in statistics designed to strengthen students' application of the statistical method. Students will conduct statistical simulations to model everyday situations in an increasingly data-rich world. Students in this course will select appropriate graphical and numerical methods to explore data, design and implement a plan to collect and analyze data, and use probability to evaluate outcomes and make decisions. Course can be taken in place of Algebra 2 if the student is not planning on attending a 4-year college.				

Computer Science and Mathematics	Course Code: 3161	Grades: 11-12	Terms: 2	Credit: 1
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. No previous computer science course is required.				
Prerequisite: Geometry				

Data Science	Course Code: 3162	Grades: 11-12	Terms: 2	Credit: 1
This course introduces students to the fundamentals of data science, including data collection, analysis, visualization, and interpretation. Students will explore how to work with real-world data sets, identify trends, and make data-driven decisions. Through hands-on projects, they will learn to use statistical tools and technology to analyze data, preparing them for future careers in a data-driven world.				

Dual Credit: Advanced Mathematical Modeling	Course Code: 3025	Grades: 11-12	Terms: 1 or 2	Credit: 1
WV State University Course: MATH 111E - Mathematics for Liberal Arts				
This course is offered as a year-long mod or as a block. The 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.				
Prerequisites: Algebra II; Must have taken the ACT or SAT				

Dual Credit: Algebra III	Course Code: 3051	Grades: 11-12	Terms: 2	Credit: 1
Marshall University Course: MTH 127 - College Algebra				
Algebra III offers a concise yet thorough review of key algebraic techniques. Topics include polynomial, rational, exponential, and logarithmic functions, as well as graphs, equations, inequalities, and sequences. Students will strengthen their foundational skills and apply these concepts to more advanced mathematical problems.				
Prerequisites: Algebra II; 3.00 GPA for dual credit				

Dual Credit: Trigonometry/Pre-calculus	Course Code: 3073	Grades: 11-12	Terms: 2	Credit: 1
WV State University Courses: MATH 102 (Trigonometry) and MATH 121 (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.				
Prerequisites: Algebra II; Must have an ACT Math score of 23 or an SAT Math score of 540 to receive dual credit				

Financial Algebra	Course Code: 3027	Grades: 11-12	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a block. It 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.				

Geometry	Course Code: 3062	Grades: 9-10	Terms: 2	Credit: 1
Explore complex geometric situations and relationships, moving towards formal mathematical arguments. Transformations are emphasized early in this course.				
Prerequisite: Algebra I				

Geometry Honors	Course Code: 3062	Grades: 9-10	Terms: 2	Credit: 1
Explore complex geometric situations and relationships, moving towards formal mathematical arguments. Transformations are emphasized early in this course.				
Prerequisite: Algebra I with a grade of A or B				

Introduction to Mathematical Applications	Course Code: 3020	Grades: 9-12	Terms: 2	Credit: 1
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 Math for Seniors	Course Code: 3052	Grades: 12	Terms: 2	Credit: 1
This course prepares students for an entry-level credit bearing liberal studies mathematics course at the post-secondary level. Students will solidify their quantitative literacy by enhancing numeracy and problem-solving skills as they investigate and use the fundamental concepts of algebra, geometry, and introductory trigonometry.				

Science

Policy 2510 Graduation Requirements		
Subject	Graduation Requirements	Personalized Course Options
Science 3 credits	2 Prescribed Credits Earth and Space Science Biology	Courses Required to be Offered Chemistry Human Anatomy and Physiology Physics Physical Science
	1 Additional Personalized Credit from Course Options Note: An AP®, Dual Credit, or IB® Science course may be substituted for an equivalent science credit. Science (Policy 2520.3C)	Additional Course Options Environmental Science Forensics Science college courses Computer Science – GIS County-created and Approved Science Courses CTE Courses: AC Energy and Power (Courses 1-4) Animal and Plant Biotechnology CASE Principles of Agriculture Science-Plant Principles of Engineering Human Body Systems Natural Resources Management Therapeutic Services (Courses I, II, and III) CASE Food Science and Safety

AP Biology	Course Code: 6121	Grades: 11-12	Terms: 2	Credit: 1
This course meets for a block both semesters. AP Biology is an advanced course designed to explore complex biological concepts such as evolution, genetics, cellular processes, and ecology. Through a combination of lectures, labs, and independent research, students will develop a deeper understanding of the principles of biology while honing critical thinking and analytical skills. This course prepares students for the AP Biology exam and potential college-level biology studies.				
Prerequisite: Biology with a B or higher				

AP Chemistry	Course Code: 6321	Grades: 11-12	Terms: 2	Credit: 1
This course meets for a block both semesters. AP Chemistry is a rigorous, college-level course that covers topics such as atomic structure, chemical bonding, thermodynamics, equilibrium, and kinetics. Students engage in both theoretical and experimental work to build a solid understanding of chemical principles and their real-world applications. This course prepares students for the AP Chemistry exam and future studies in chemistry or related fields.				
Prerequisite: Chemistry with a B or higher				

AP Environmental Science	Course Code: 6221	Grades: 11-12	Terms: 2	Credit: 1
AP Environmental Science is an interdisciplinary course that examines the relationships between the natural world and human activities. Students explore topics such as ecosystems, biodiversity, energy resources, pollution, and sustainability through both classroom learning and hands-on investigations. The course emphasizes critical thinking and problem-solving skills, preparing students for the AP Environmental Science exam and future studies in environmental science or related fields.				
Prerequisites: Chemistry and Biology with a B or higher				

AP Physics 1 Algebra-Based	Course Code: 6326	Grades: 11-12	Terms: 2	Credit: 1
AP Physics 1 is an algebra-based, college-level course that covers foundational physics concepts, including Newtonian mechanics, work, energy, power, mechanical waves, and basic circuits. Through inquiry-based learning and hands-on experiments, students develop critical thinking and problem-solving skills. This course prepares students for the AP Physics 1 exam and provides a strong foundation for future studies in physics and engineering.				
Prerequisites: Algebra I and Geometry				

AP Physics 2 Algebra-Based	Course Code: 6327	Grades: 12	Terms: 2	Credit: 1
AP Physics 2 is an algebra-based, college-level course that extends the concepts learned in AP Physics 1. Topics include fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Students engage in inquiry-based learning and laboratory work to deepen their understanding of physical principles, preparing them for the AP Physics 2 exam and advanced studies in science and engineering.				
Prerequisites: AP Physics I, Algebra II, and Geometry				

Biology	Course Code: 6021	Grades: 10	Terms: 2	Credit: 1
This course introduces students to the study of living organisms, covering key topics such as cell biology, genetics, evolution, and ecology. Through lectures and hands-on laboratory experiments, students will explore biological concepts and develop critical thinking skills, emphasizing the relevance of biology in everyday life and global challenges.				

Biology Honors	Course Code: 6021	Grades: 10	Terms: 1	Credit: 1
This course is offered as a block only. It introduces students to the study of living organisms, covering key topics such as cell biology, genetics, evolution, and ecology. Through lectures and hands-on laboratory experiments, students will explore biological concepts and develop critical thinking skills, emphasizing the relevance of biology in everyday life and global challenges.				

Chemistry	Course Code: 6031	Grades: 10-12	Terms: 1	Credit: 1
This course is offered as a block only. Scientific discipline involved with atoms and compounds. The composition, structure, properties, and behavior are studied as different compounds undergo chemical reactions.				
Prerequisite: Earth & Space Science and Biology				

Chemistry Honors	Course Code: 6031	Grades: 10-12	Terms: 1	Credit: 1
This course is offered as a block only. Scientific discipline involved with atoms and compounds. The composition, structure, properties, and behavior are studied as different compounds undergo chemical reactions.				
Prerequisite: Earth & Space Science and Biology with a B or higher				

Dual Credit - College Biology 1	Course Code: 6025	Grades: 10-12	Terms: 2	Credit: 1
Marshall University Courses: BSC 104, 104L, 105, and 105L College biology course for students who are not planning to major in the science or health care fields. Topics include cells, photosynthesis, respiration, genetics, DNA, prokaryotes, viruses, protists, and plants. This course meets the Biological Science requirement for graduation.				

Earth and Space Science	Course Code: 6201	Grades: 9	Terms: 2	Credit: 1
This course explores Earth's structure, processes, and the universe beyond. Students investigate geological formations, natural hazards, and celestial bodies. Through hands-on activities and inquiry-based learning, students develop critical thinking skills and an understanding of real-world applications. Topics include plate tectonics, weathering, celestial motion, and space exploration. By course end, students gain a deeper appreciation for Earth and space science and its relevance to global challenges.				

Earth and Space Science Honors	Course Code: 6201	Grades: 9	Terms: 2	Credit: 1
This course explores Earth's structure, processes, and the universe beyond. Students investigate geological formations, natural hazards, and celestial bodies. Through hands-on activities and inquiry-based learning, students develop critical thinking skills and an understanding of real-world applications. Topics include plate tectonics, weathering, celestial motion, and space exploration. By course end, students gain a deeper appreciation for Earth and space science and its relevance to global challenges.				

Environmental Science	Course Code: 6312	Grades: 11-12	Terms: 2	Credit: 1
Builds on fundamental knowledge of the chemical, physical, biological, and geological processes of our natural world while focusing on man's impact upon it. Prerequisite: Biology				

Forensic Science	Course Code: 6044	Grades: 11-12	Terms: 2	Credit: 1
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 & Space Science and Biology				

Forensic Science Honors	Course Code: 6044	Grades: 11-12	Terms: 2	Credit: 1
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 & Space Science and Biology (honors recommended)				

Human Anatomy & Physiology	Course Code: 6103	Grades: 11-12	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a block and counts as a laboratory science credit for college admission. This is a suggested 4th course for students interested in health occupations. Prerequisite: Biology				

Human Anatomy & Physiology Honors	Course Code: 6103	Grades: 11-12	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a block and counts as a laboratory science credit for college admission. This is a suggested 4th course for students interested in health occupations.				
Prerequisite: Biology with a B or higher				

Physical Science	Course Code: 6011	Grades: 11-12	Terms: 2	Credit: 1
Intended for nonscience majors who are going to college. Develops core concepts from chemistry, physics, using concepts of structure and properties of matter, chemical reactions, forces and interactions, energy and waves as well as the electromagnetic spectrum. Students will engage in active inquiries, investigations, and hands-on activities as they demonstrate understandings and research and laboratory skills.				

Physics Honors	Course Code: 6041	Grades: 11-12	Terms: 2	Credit: 1
Physics Honors is intended for students planning on college science majors and includes concepts and experimentation in measurement, motion, forces, fluids/pressure, heat, and thermodynamics. Counts as laboratory science credit for college admission. This course is offered as a block only.				
Prerequisite: Algebra II Honors				

Specific Topics in Life Science: Herpetology	Course Code: 6161	Grades: 11-12	Terms: 2	Credit: 1
This course introduces students to the biology, behavior, and conservation of reptiles and amphibians. Students will explore the diversity, anatomy, habitats, and ecological roles of these species, with hands-on activities and fieldwork opportunities. Ideal for those interested in wildlife biology or environmental science.				

Zoology	Course Code: 6270	Grades: 11-12	Terms: 2	Credit: 1
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. Animal dissection is available, but not required.				
Prerequisite: Biology				

Social Studies

Policy 2510 Graduation Requirements		
Subject	Graduation Requirements	Personalized Course Options
Social Studies 4 credits	3 Prescribed Credits World Studies or an AP® Social Studies Course United States (US) Studies* or US Studies Comprehensive, or AP® US History Civics (includes personal finance) or AP® Government and Politics** 1 Additional Personalized Credit from Course Options Note: Students who take US Studies must utilize Contemporary Studies as their Personalized Credit unless they are utilizing JROTC Courses I-IV. **Students who utilize AP® Government and Politics or Dual Credit Civics must be provided instruction in the personal finance standards found in Civics. Beginning with the 2024-2025 freshman cohort Personal Finance will be removed from Civics to become a separate graduation requirement. Social Studies (Policy 2520.4)	Courses Required to be Offered Contemporary Studies Economics Geography World Studies
		Additional Course Options AP® Social Studies Courses IB® Social Studies Courses Financial Literacy Psychology Social Studies college courses Dual Credit Courses Sociology JROTC (Courses I-IV) County-created and Approved Social Studies Courses

AP African American Studies		Grades: 10-12	Terms: 2	Credit: 1
This interdisciplinary course examines the diversity of African American experience through direct encounters with authentic and verified sources. Students explore key topics that extend from early African Kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with emphasis on developing historical, literary, visual and data analysis skills. This course foregrounds a study of diversity of Black communities in the United States within the broader context of Africa and the African diaspora. In addition to the AP exam, students will be required to define and execute a research project which will be submitted at the end of the year.				

AP Comparative Government and Politics	Course Code: 7043	Grades: 10-12	Terms: 2	Credit: 1
This course introduces students to the fundamental concepts and methods used to compare political systems worldwide. Students will analyze different forms of government, examine political institutions, evaluate political and economic changes, and discuss issues like globalization and democratization				

AP European History	Course Code: 7045	Grades: 10-12	Terms: 2	Credit: 1
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. AP exam is required.				

AP Macroeconomics	Course Code: 7040	Grades: 10-12	Terms: 2	Credit: 1
This course provides students with a foundational understanding of economic principles that govern entire economies. This course covers topics such as economic indicators, national income, inflation, unemployment, fiscal and monetary policy, and global trade. By the end of the course, students will be equipped to understand and assess real-world economic issues and policies on both national and global scales.				

AP Microeconomics	Course Code: 7039	Grades: 10-12	Terms: 2	Credit: 1
This course explores the principles guiding individual and business decisions in markets. Students learn about supply and demand, market structures, consumer behavior, and the government's role in economic efficiency. This course builds skills to analyze how microeconomic choices impact the broader economy.				

AP History: World	Course Code: 7048	Grades: 9-12	Terms: 2	Credit: 1
Designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in World History. AP exam is required.				
Can replace World Studies.				

AP Human Geography	Course Code: 7042	Grades: 9-12	Terms: 2	Credit: 1
Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. AP exam is required.				
Can replace World Studies.				

AP Psychology	Course Code: 7047	Grades: 11-12	Terms: 2	Credit: 1
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. AP exam is required.				

AP U.S. Government & Politics	Course Code: 7044	Grades: 12	Terms: 2	Credit: 1
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. May be substituted for Civics for Next Generation. AP exam is required.				

AP U.S. History	Course Code: 7046	Grades: 10-12	Terms: 2	Credit: 1
Designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. AP exam is required. Can be substituted for US Studies or Contemporary Studies.				

Business Law	Course Code: 7101	Grades: 9-12	Terms: 2	Credit: 1
Explore the intersection of law and business in this course. Covering contracts, business organizations, employment law, consumer protection, and more, students gain practical knowledge for navigating legal issues. Through case studies and interactive activities, students develop critical thinking skills and ethical decision-making abilities.				
Civics	Course Code: 7031	Grades: 12	Terms: 1 or 2	Credit: 1
This course is offered as a year-long mod or as a block. It is designed as a culminating social studies class that fosters informed citizens essential to the perpetuation of the American Republic.				
Contemporary Studies	Course Code: 7011	Grades: 11	Terms: 2	Credit: 1
Eleventh Grade Contemporary Studies examines the interactions between the United States and the world since 1914 to present day.				
Dual Credit - Contemporary Studies	Course Code: 7011	Grades: 11	Terms: 2	Credit: 1
Marshall University Course: HST 103 Eleventh Grade Contemporary Studies examines the interactions between the United States and the world since 1914 to present day.				
Economics	Course Code: 7032	Grades: 9-12	Terms: 2	Credit: 1
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.				
Geography	Course Code: 7033	Grades: 9-12	Terms: 2	Credit: 1
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.				
Psychology	Course Code: 7321	Grades: 9-12	Terms: 2	Credit: 1
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.				
Sociology	Course Code: 7341	Grades: 9-12	Terms: 2	Credit: 1
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.				
U.S. Studies	Course Code: 7009	Grades: 10	Terms: 2	Credit: 1
US history from 1607 (Jamestown) to early 1900s (Progressive Era). This course examines the formative years of the United States, from its colonization to its emergence as a dominant political and economic power by the start of the twentieth century.				

U.S. Studies Honors	Course Code: 7009	Grades: 10	Terms: 2	Credit: 1
US history from 1607 (Jamestown) to early 1900s (Progressive Era). An American History course taught as part of the Honors program to provide an integrated study of history and literature of the period.				

World Studies	Course Code: 7010	Grades: 9	Terms: 2	Credit: 1
Engages students in the study of development and evolution of the historic, economic, geographic, political and social structure of the cultural regions of the world from the dawn of civilization to the twentieth century.				

World Studies Honors	Course Code: 7010	Grades: 9	Terms: 2	Credit: 1
A World History course taught as part of the Honors program to provide an integrated study of history and literature of the period. Engages students in the study of development and evolution of the historic, economic, geographic, political and social structure of the cultural regions of the world from the dawn of civilization to the twentieth century.				

AP Capstone

AP Seminar	Course Code: 4045	Grades: 10-12	Terms: 2	Credit: 1
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	Course Code: 4046	Grades: 11-12	Terms: 2	Credit: 1
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				

Art

AP Art History	Course Code: 3221	Grades: 9-12	Terms: 2	Credit: 1
AP Art History is an advanced placement course that explores the history of art from prehistoric times to the present, examining various cultures, styles, and movements. Students analyze artworks in terms of their historical context, cultural significance, and aesthetic qualities, developing critical thinking and visual analysis skills. The course prepares students for the AP exam and fosters a deeper appreciation for the role of art in society. Students must take the AP exam to receive honors credit which is provided free to students enrolled in the course.				

Art I	Course Code: 3211	Grades: 9-12	Terms: 2	Credit: 1
Basic introduction to the visual arts with multiple mediums including, but not limited to drawing, painting, print making, scratch boards, and more.				

Art II	Course Code: 3212	Grades: 9-12	Terms: 2	Credit: 1
This course is a continuation of Art I, with exploration and an in-depth study of additional media. Students will develop creative thinking and problem-solving skills.				
Prerequisite: Art I				

Art III	Course Code: 3213	Grades: 9-12	Terms: 2	Credit: 1
Study of techniques and skills necessary for success in advanced problems and projects.				
Prerequisite: Art II				

Art IV	Course Code: 3214	Grades: 9-12	Terms: 2	Credit: 1
Specialized visual art class. Students will be required to compile a portfolio of individual work and present an exhibit.				
Prerequisite: Art III				

Ceramics/Pottery	Course Code: 3307	Grades: 9-12	Terms: 2	Credit: 1
Includes basic methods of hand building and wheel-thrown pottery, and glazing techniques.				

Digital Photography	Course Code: 1515	Grades: 9-12	Terms: 2	Credit: 1
This course explores basic camera techniques and printing methods, emphasizing creativity and experimentation. Adobe Photoshop is a key tool used in the course to help students enhance their photography skills.				

Drawing I	Course Code: 3331	Grades: 9-12	Terms: 2	Credit: 1
Includes basic drawing instruction involving perspective, shading, composition, etc. Media may include, but will not be limited to: pencil, ink, wash, pastel, scratch board, and transfer.				

Drawing II	Course Code: 3332	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3333	Grades: 9-12	Terms: 2	Credit: 1
Drawing III is an advanced course that encourages students to refine their drawing techniques and explore a variety of mediums and styles. Students will focus on developing their individual artistic voice through the study of composition, perspective, and figure drawing. Emphasis will be placed on creating a cohesive portfolio that showcases their skills and personal artistic expression.				
Prerequisite: Drawing II				

Drawing IV	Course Code: 3334	Grades: 9-12	Terms: 2	Credit: 1
Drawing IV is the capstone course for advanced students seeking to push the boundaries of their artistic abilities. This course emphasizes independent projects, critical analysis, and experimentation with advanced techniques and concepts. Students will work on developing a professional portfolio, participate in critiques, and explore the relationship between drawing and other art forms, preparing them for future artistic endeavors.				
Prerequisite: Drawing III				

Dual Credit: Art History, Appreciation, and Criticism	Course Code: 3233	Grades: 9-12	Terms: 2	Credit: 1
Marshall University Course: ART 112				
An introduction to the methods and principles of the visual arts. Students will consider the work of major artists in thematic contexts. (For non-art majors only.)				

Painting I	Course Code: 3245	Grades: 9-12	Terms: 2	Credit: 1
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. Students may need to furnish canvas for painting.				

Painting II	Course Code: 3246	Grades: 9-12	Terms: 2	Credit: 1
Develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts. Students may need to furnish canvas for painting.				
Prerequisite: Painting I				

Painting III	Course Code: 3247	Grades: 9-12	Terms: 2	Credit: 1
Painting III is an advanced course designed for students to further develop their painting skills and explore a variety of techniques and styles. Students will focus on color theory, composition, and the use of different mediums, such as acrylics and watercolors. Emphasis will be placed on creating a cohesive body of work that reflects their individual artistic vision and encourages personal expression.				
Prerequisite: Painting II				

Painting IV	Course Code: 3248	Grades: 9-12	Terms: 2	Credit: 1
Painting IV is the capstone course for dedicated students seeking to elevate their artistic practice to a professional level. This course emphasizes independent projects, critical thinking, and experimentation with advanced painting techniques. Students will create a comprehensive portfolio, engage in peer critiques, and explore the conceptual aspects of painting, preparing them for future studies or careers in the visual arts.				
Prerequisite: Painting III				

Dance

Dance I	Course Code: 3401	Grades: 9-12	Terms: 2	Credit: 1
Designed for students who have an interest in learning different dance styles. Basic dance skills, various dance styles, and choreography will be included, as well as dance history. Physical education credit available upon successful completion of the class and the integrated PE online course.				

Dance II	Course Code: 3402	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3403	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3404	Grades: 9-12	Terms: 2	Credit: 1
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				

Driver Education

Driver Education	Course Code: 6811	Grades: 11-12	Terms: 1	Credit: 0.5
This course includes fifty hours of classroom instruction, ten hours of in-car observation, and six hours of behind-the-wheel instruction. If a student already holds a driver's license, only three hours of behind-the-wheel instruction is required. The Driver Education course builds the knowledge, attitudes, habits, and skills needed for safe vehicle operation. To receive a West Virginia High School Driver Education Certificate at the end of the semester, a student must achieve at least a 'C' (70%) in both the classroom and vehicle components.				

Grow Your Own

Dual Credit: Introduction to Child Development	Course Code: 1307	Grades: 9-12	Terms: 1	Credit: 1
Marshall University Course: EDF 201 - Educational Psychology of the Developing Learner A study of the psychological principles for learning and teaching based on children's emotional, social, cognitive, and physical development. Offered as a Block only.				
Prerequisite: Students must have a 3.0 GPA to enroll in this course.				

Dual Credit: Introduction to Social Emotional and Behavioral Wellness	Course Code: 1309	Grades: 9-12	Terms: 1	Credit: 1
Marshall University Course: WELL 305 - HE & PE in Early Childhood Programs Provides students with a wide array of knowledge and skills so they can effectively assume teacher responsibilities in early childhood health and physical education programs. Offered as a Block only. Prerequisite: Students must have a 3.0 GPA to enroll in this course.				

Dual Credit: Exceptionalities/Diversity	Course Code: 1310	Grades: 9-12	Terms: 1	Credit: 1
Marshall University Course: CISP 421 - Children with Exceptionalities Behavioral characteristics of children with exceptional development, dynamics of family-community interaction, and attitudes towards exceptional conditions. Implications for amelioration and educational planning. Offered as a Block only. Prerequisite: Students must have a 3.0 GPA to enroll in this course.				

Dual Credit: Professional Education	Course Code: 1312	Grades: 9-12	Terms: 1	Credit: 1
Marshall University Course: EDF 475 - Schools in a Diverse Society Study of social, historical, and philosophical foundations of U.S. schooling. Offered as a Block only. Prerequisite: Students must have a 3.0 GPA to enroll in this course.				

Health Education

High School Health	Course Code: 6909	Grades: 9-12	Terms: 2	Credit: 1
Develops knowledge, attitudes, values, and skills concerning issues of particular concern during adolescence which impact on personal health and wellness.				

Library/Media

Library Science I	Course Code: 5911	Grades: 9-12	Terms: 2	Credit: 1
This elective course involves practical experience in the library. Students are trained to use both paper and computer resources to help other students.				

Music

AP Music Theory	Course Code: 3651	Grades: 9-12	Terms: 2	Credit: 1
AP Music Theory is an advanced course designed for students who wish to deepen their understanding of music through the study of music theory, composition, and analysis. The curriculum covers fundamental concepts such as notation, scales, intervals, chords, and harmonic progressions, as well as advanced topics like counterpoint and form. Students will engage in ear training, sight-singing, and composition exercises, preparing them for the AP exam while fostering a greater appreciation for music and its structure.				

Band I	Course Code: 3611	Grades: 9-12	Terms: 2	Credit: 1
Marching Band I: 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 through the year. FALL SEMESTER. Physical education credit available upon successful completion of the class and the integrated PE online course.				
Prerequisite: Permission from teacher				

Band II	Course Code: 3612	Grades: 9-12	Terms: 2	Credit: 1
Marching Band II: 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 through the year. FALL SEMESTER. Physical education credit available upon successful completion of the class and the integrated PE online course.				
Prerequisite: Band I				

Band III	Course Code: 3613	Grades: 9-12	Terms: 2	Credit: 1
Marching Band III: 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 through the year. FALL SEMESTER. Physical education credit available upon successful completion of the class and the integrated PE online course.				
Prerequisite: Band II				

Band IV	Course Code: 3614	Grades: 9-12	Terms: 2	Credit: 1
Marching Band IV: 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 through the year. FALL SEMESTER. Physical education credit available upon successful completion of the class and the integrated PE online course.				
Prerequisite: Band III				

Band - 1	Course Code: 3716	Grades: 9-12	Terms: 2	Credit: 1
Concert Band 1: 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				

Band - 2	Course Code: 3717	Grades: 9-12	Terms: 2	Credit: 1
Concert Band 2: 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 1 and permission of teacher				

Band - 3	Course Code: 3718	Grades: 9-12	Terms: 2	Credit: 1
Concert Band 3: 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 2 and permission of teacher				

Band - 4	Course Code: 3719	Grades: 9-12	Terms: 2	Credit: 1
Concert Band 4: 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 3 and permission of teacher				

Band - 4	Course Code: 3719	Grades: 12	Terms: 2	Credit: 1
Concert Band 4 Honors: Senior honors students will complete written research and complete a major project with the ensemble.				
Prerequisite: Concert Band 3 and permission of teacher				

Beginner Band		Grades: 9-12	Terms: 2	Credit: 1
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.				

Beginning Strings		Grades: 9-12	Terms: 2	Credit: 1
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. This course satisfies the Fine Arts credit requirement for graduation.				

Chorus I - Beginning	Course Code: 3621	Grades: 9-12	Terms: 2	Credit: 1
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. This course satisfies the Fine Arts credit requirement for graduation.				

Chorus II - Intermediate	Course Code: 3622	Grades: 9-12	Terms: 2	Credit: 1
Continuation of Chorus I. Performances are a required part of this course. No previous experience is necessary. No auditions necessary. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisite: Chorus I				

Chorus III - Advanced	Course Code: 3623	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3624	Grades: 9-12	Terms: 2	Credit: 1
Continuation of Chorus III. Performance is a required part of this course. No previous experience is necessary. No auditions necessary. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisite: Chorus III				

Dual Credit: Music Appreciation/History	Course Code: 3671	Grades: 9-12	Terms: 1 or 2	Credit: 1
Marshall University Course: MUS 142 - Music in Society				
This is an engaging and enlightening course designed for students to discover the profound impact of music across cultures, time periods, and genres, while learning about simple notation, rhythm, and instrumentation. This course introduces students to the world of music from classical symphonies to modern pop, jazz, rock, and world music. Students will develop a deeper understanding of how music has shaped societies and how it continues to influence the world today. Through listening sessions, analysis, and discussions, students will explore key musical works, uncovering the stories behind the composers and artists who created them. Students will also explore how music interacts with other art forms, such as film, literature, and dance, and how technology has transformed the way we create and experience music. With the opportunity to earn dual credit through Marshall University, this course not only satisfies high school graduation requirements but also provides college-level academic rigor, preparing students for future study in the arts and humanities.				
Prerequisite: To receive dual credit as a 10th-12th grade student, the student must have a 3.00 GPA.				

Guitar I	Course Code: 3726	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3727	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3729	Grades: 9-12	Terms: 2	Credit: 1
This course extends guitar techniques, reading music and playing 1 st through 7 th position. This course focuses on traditional classical guitar methods.				
Prerequisites: Guitar II				

Guitar IV	Course Code: 3730	Grades: 9-12	Terms: 2	Credit: 1
This course extends the guitar techniques of classic, traditional guitar. In this course students will read standard notation, chord charts, and tablature.				
Prerequisites: Guitar III				

Handbells		Grades: 9-12	Terms: 2	Credit: 1
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. This course satisfies the Fine Arts credit requirement for graduation.				

Individual Technique Music	Course Code: 3731	Grades: 9-12	Terms: 2	Credit: 1
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.				

Instrumental Ensembles	Course Code: 3743	Grades: 9-12	Terms: 2	Credit: 1
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.				
Co-requisite: Successful audition and permission from teacher				

Instrumental Ensembles II	Course Code: 3744	Grades: 9-12	Terms: 2	Credit: 1
Jazz Band: In Instrumental Ensemble II, students will build on their foundational skills in jazz performance and musicianship. This course focuses on developing a deeper understanding of jazz theory, improvisation, and ensemble dynamics through the study of a variety of jazz styles. Students will participate in rehearsals and performances, collaborating with peers to enhance their musical expression and creativity in a supportive environment.				
Prerequisite: Instrumental Ensembles				

Instrumental Ensembles III	Course Code: 3745	Grades: 9-12	Terms: 2	Credit: 1
Jazz Band: In Instrumental Ensemble III, students will enhance their musicianship through the study and performance of jazz repertoire. Emphasis will be placed on improvisation, ensemble playing, and understanding jazz styles and techniques. Students will collaborate in rehearsals and performances, developing their skills in a supportive and creative environment.				
Prerequisite: Instrumental Ensembles II				

Instrumental Ensembles IV	Course Code: 3747	Grades: 9-12	Terms: 2	Credit: 1
Jazz Band: Instrumental Ensemble IV is an advanced jazz band course designed for experienced musicians seeking to refine their performance and improvisational skills. Students will explore complex jazz compositions, engage in advanced improvisation techniques, and participate in public performances, fostering a deep appreciation for jazz as an art form while enhancing their individual and ensemble musicianship.				
Prerequisite: Instrumental Ensembles III				

Music in Movies	Course Code: 3750	Grades: 9-12	Terms: 2	Credit: 1
Music in Movies: The Art of Film Scoring: This is an immersive course that explores the vital role music plays in shaping the emotional and narrative depth of films. Students will analyze iconic movie scores, learn about the history of film music, and discover how soundtracks enhance storytelling and character development. Through guided listening and film analysis, students will gain and understanding of how composers use melody, harmony, rhythm, and instrumentation to influence audience perception and mood. In addition to studying famous composers like John Williams, Hans Zimmer, and Ennio Morricone, students will explore different genres and how music interacts with sound effects and dialogue. The course also offers a creative component, allowing students to compose their own film music using digital audio workstations such as GarageBand, or instruments. This course is ideal for students with an interest in film, music, or sound design, providing insight into one of the most powerful tools in cinematic storytelling.				

Orchestra I	Course Code: 3764	Grades: 9-12	Terms: 2	Credit: 1
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. This course satisfies the Fine Arts credit requirement for graduation.				

Orchestra II	Course Code: 3765	Grades: 9-12	Terms: 2	Credit: 1
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. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisite: Orchestra I				

Orchestra III	Course Code: 3776	Grades: 9-12	Terms: 2	Credit: 1
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. Performances required. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisite: Orchestra II				

Orchestra IV	Course Code: 3777	Grades: 9-12	Terms: 2	Credit: 1
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. Performances required. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisite: Orchestra III				

Orchestra IV Honors	Course Code: 3777	Grades: 9-12	Terms: 2	Credit: 1
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. Students will be required to participate in chamber music groups as determined by the director. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisite: Successful completion of Orchestra II or III and Senior Level student.				

Percussion Ensemble		Grades: 9-12	Terms: 2	Credit: 1
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				

Piano I	Course Code: 3681	Grades: 9-12	Terms: 2	Credit: 1
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	Course Code: 3682	Grades: 9-12	Terms: 2	Credit: 1
Continuation of Piano I. Piano II is open to intermediate and advanced students.				
Prerequisite: Piano I				

Piano III	Course Code: 3683	Grades: 9-12	Terms: 2	Credit: 1
Continuation of Piano II. Students will learn to accompany an ensemble and explore compositions.				
Prerequisite: Piano II				

Piano IV	Course Code: 3684	Grades: 9-12	Terms: 2	Credit: 1
Continuation of Piano III. Students will extend their playing, sight reading, and accompany an ensemble with a more demanding repertoire. Transposition is introduced.				
Prerequisite: Piano III				

Show Choir 1	Course Code: 3770	Grades: 9-12	Terms: 2	Credit: 1
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.				
Prerequisites: Audition and permission from teacher				

Show Choir 2	Course Code: 3771	Grades: 9-12	Terms: 2	Credit: 1
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.				
Prerequisites: Audition, permission from teacher, and Show Choir 1				

Show Choir 3	Course Code: 3772	Grades: 9-12	Terms: 2	Credit: 1
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.				
Prerequisites: Audition, permission from teacher, and Show Choir 2				

Show Choir 4 Honors	Course Code: 3773	Grades: 9-12	Terms: 2	Credit: 1
Upper-level advanced choral performance ensemble. Open to all students with instructor permission. Fees required for concert attire however financial assistance is available.				
Prerequisites: Open to Senior students only. Successful audition, permission of the teacher, and Show Choir 3				

Vocal Ensembles: Collegium Musicum	Course Code: 3766	Grades: 9-12	Terms: 2	Credit: 1
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. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisites: Successful audition and permission of the teacher				

Vocal Ensembles II: Collegium Musicum II	Course Code: 3767	Grades: 9-12	Terms: 2	Credit: 1
Build on your knowledge and skills in Vocal Ensembles I. Dive deeper into specific musical periods and styles, refining ensemble performance and music theory abilities. Emphasis on advanced repertoire and historical performance practices.				
Prerequisites: Successful audition, permission of the teacher, and Vocal Ensembles				

Vocal Ensembles III: Collegium Musicum III	Course Code: 3768	Grades: 9-12	Terms: 2	Credit: 1
In Vocal Ensemble III, students will build on their vocal techniques and ensemble skills through the study of diverse musical genres and styles. Emphasis will be placed on advanced vocal techniques, harmonization, and performance practices, as students prepare for concerts and community performances while fostering teamwork and musical expression.				
Prerequisite: Successful audition, permission of the teacher, and Vocal Ensembles II				

Vocal Ensembles IV: Collegium Musicum IV Honors	Course Code: 3769	Grades: 12	Terms: 2	Credit: 1
Senior honor students will complete additional requirements provided by the director. Fees required for concert attire however financial assistance is available. This course satisfies the Fine Arts credit requirement for graduation.				
Prerequisites: Open to Senior students only. Successful audition, permission of the teacher, and Vocal Ensembles III				

Vocal Ensembles: Glee Club Choir		Grades: 9-12	Terms: 2	Credit: 1
This course is designed for enthusiastic singers who want to explore a variety of musical styles, including pop, musical theater, and contemporary choral works. Students will:				
<ul style="list-style-type: none"> • Diverse Repertoire: Sing a wide range of songs from various genres, with an emphasis on vocal harmony and arrangement. • Vocal Technique: Develop essential vocal skills, including breath control, pitch accuracy, and expressive singing. • Teamwork and Collaboration: Work together to create a cohesive sound, focusing on blending voices and enhancing ensemble dynamics. • Performance Experience: Participate in regular performances, including concerts and community events, building confidence and stage presence. 				
Through engaging rehearsals and collaborative projects, students will cultivate their musicality, enhance their performance skills, and create lasting memories in a supportive and fun environment. Join us for an exciting musical journey with the Glee Club!				

Vocal Ensembles: Musical Theater		Grades: 9-12	Terms: 2	Credit: 1
This course is designed for singers of all levels who are passionate about developing their vocal skills while exploring iconic and contemporary musical theater repertoire. Students will:				
<ul style="list-style-type: none"> • Vocal Techniques: Enhance vocal techniques specific to musical theater, including breath control, diction, and resonance. • Repertoire: Learn and perform a diverse selection of songs from classic and modern musicals, emphasizing character interpretation and emotional expression. • Ensemble Skills: Collaborate with fellow singers to develop harmonization and blend, focusing on the importance of teamwork in ensemble performance. • Performance Preparation: Gain experience in rehearsal techniques, stage presence, and performance etiquette, culminating in a final showcase for peers and the community. 				
Through a combination of individual coaching, group rehearsals, and creative projects, students will gain confidence and artistry as they explore the rich tapestry of musical theater. Join us for a fun and inspiring journey into song and storytelling!				

Wind Ensemble		Grades: 9-12	Terms: 2	Credit: 1
The group will present several concerts throughout the year. These students will perform at concerts, parades, and festivals. SPRING SEMESTER				

Wind Ensemble Honors		Grades: 12	Terms: 2	Credit: 1
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				

Officiating Education Course

Officiating Education Course	Course Code: 7500	Grades: 9-12	Terms: 2	Credit: 1
The Officiating Education Course provides high school students with a comprehensive understanding of the rules, ethics, and responsibilities of officiating in various sports. Utilizing RefReps, a specialized training platform, students will engage in interactive lessons and simulations to enhance their decision-making skills and game management techniques. This course aims to prepare aspiring officials for real-world officiating experiences while promoting sportsmanship and fair play.				

Physical Education

Physical Education 9-12	Course Code: 6609	Grades: 9-12	Terms: 2	Credit: 1
Required for graduation, recommended for 9th and 10th grade students, and must be completed before enrollment in any physical education elective. Plan of physical activity which introduces the following: Life Fitness, Conditioning & Weight Training, Leisure & Recreation, and Fitness & Conditioning.				

Fitness/Conditioning Activities	Course Code: 6709	Grades: 9-12	Terms: 2	Credit: 1
Engage in a dynamic exploration of fitness and conditioning in this high school course. Through a variety of activities such as cardiovascular exercises, strength training, flexibility routines, and team sports, students will develop lifelong skills for maintaining physical health and wellness. Emphasis will be placed on proper technique, goal-setting, and understanding the principles of exercise science. Whether you're a seasoned athlete or new to fitness, this course offers personalized instruction to help you reach your fitness goals.				

Lifetime Fitness Education	Course Code: 6733	Grades: 9-12	Terms: 2	Credit: 1
Discover the keys to lifelong health and wellness in this high school course. Through a comprehensive exploration of fitness principles, nutrition, stress management, and personal health habits, students will develop the knowledge and skills necessary for maintaining a healthy lifestyle throughout their lives. Emphasis will be placed on goal-setting, self-assessment, and practical strategies for incorporating physical activity and healthy choices into daily routines. Whether you're an athlete or just beginning your fitness journey, this course offers valuable insights to support your overall well-being.				

Recreation Sports	Course Code: 6741	Grades: 9-12	Terms: 2	Credit: 1
Dive into the world of recreational sports in this high school course. From traditional favorites like basketball and soccer to niche activities like ultimate frisbee and pickleball, students will explore a variety of recreational sports for fun and fitness. Through friendly competition, teamwork exercises, and skill development drills, students will enhance their physical abilities while fostering sportsmanship and camaraderie. No matter your skill level or athletic background, this course offers a welcoming environment to enjoy the thrill of recreational sports.				

Team Sports	Course Code: 6757	Grades: 9-12	Terms: 2	Credit: 1
Competition-based with a focus on flag football, basketball, softball, ultimate Frisbee, badminton, tennis, pickle ball, volleyball, team handball, bowling, table tennis, billiards, kickball, and other sports. Students will be expected to demonstrate rules, procedures, strategy, and officiate each sport.				
Prerequisite: Physical Education 9-12				

Weight Training Introduction	Course Code: 6765	Grades: 9-12	Terms: 2	Credit: 1
This introductory course focuses on developing the foundational skills of strength training. Students will learn proper form and technique for basic lifts, including the squat, deadlift, bench press, and overhead press. Emphasis will be placed on safety, injury prevention, and the use of barbells, dumbbells, and bodyweight exercises. Students will also learn about muscle groups, basic anatomy, and the role of strength training in overall fitness. No prior experience is required, and all levels of ability are welcome.				

Weight Training Intermediate	Course Code: 6767	Grades: 10-12	Terms: 2	Credit: 1
This intermediate course builds upon the foundations developed in Weight Training 1. Students will refine their technique in fundamental lifts and begin to explore more complex movements, such as Olympic lifts (clean and jerk, snatch) and accessory exercises designed to enhance strength and power. The program will incorporate progressive overload and introduce basic principles of program design, including goal setting and tracking progress. Students will also explore nutrition basics and how it supports strength training.				
Prerequisite: Weight Training Introduction				

Weight Training Advanced	Course Code: 6765	Grades: 9-12	Terms: 2	Credit: 1
This advanced course is designed for students who have mastered the foundational and intermediate levels of strength training. Students will focus on advanced lifting techniques, program design, and individualized training plans aimed at achieving specific goals such as hypertrophy, strength, or athletic performance. Topics will include periodization, advanced recovery methods, and sports-specific training. This course will challenge students to push their limits while maintaining a strong focus on form, technique, and injury prevention.				
Prerequisite: Weight Training Intermediate				

Technology and Computer Science

AP Computer Science A (Math Credit)	Course Code: 3030	Grades: 10-12	Terms: 2	Credit: 1
AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students are required to take the AP Computer Science A exam at the end of this course.				
Prerequisite: Algebra 2 and AP Computer Science Principles recommended				

AP Computer Science Principles	Course Code: 2806	Grades: 9-12	Terms: 2	Credit: 1
This course is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing. 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 recommended				

Theatre

Theatre I	Course Code: 3801	Grades: 9-12	Terms: 2	Credit: 1
Designed to provide the student with further exploration of the art of acting and the technical or backstage production of a play. Participants are expected to perform for a variety of audiences.				

Theatre II	Course Code: 3802	Grades: 9-12	Terms: 2	Credit: 1
Designed to provide the student with further exploration of the art of acting and the technical or backstage production of a play, which includes learning the three categories of stage make-up: character, fantasy, and special effects. Participants are expected to perform for a variety of audiences.				
Prerequisite: Theatre I				

Theatre III	Course Code: 3803	Grades: 9-12	Terms: 2	Credit: 1
Students will collaborate in developing original dramatic pieces or short plays and will demonstrate ensemble in rehearsing and performing informal and formal theater works. Also assist in creating and implementing a production. In addition, they will review the three categories of stage make-up: character, fantasy, and special effects.				
Prerequisite: Theatre II				

Theatre IV	Course Code: 3804	Grades: 9-12	Terms: 2	Credit: 1
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. In addition, students will review the three categories of stage make-up: character, fantasy, and special effects.				
Prerequisite: Theatre III				

Theatre - Acting/Performance: Theatre V	Course Code: 3835	Grades: 9-12	Terms: 2	Credit: 1
Take your theatrical skills to the next level in Theatre V. This advanced course focuses on honing performance techniques, exploring advanced acting methodologies, and delving into the nuances of theatrical production. Students will engage in intensive scene study, character analysis, and ensemble-building exercises. Emphasis will be placed on individualized feedback, self-reflection, and the collaborative process of creating polished performances.				
Prerequisite: Theatre IV				

Theatre/Stagecraft	Course Code: 3859	Grades: 9-12	Terms: 2	Credit: 1
Introduction to Stagecraft: In "Introduction to Stagecraft," students will explore the behind-the-scenes magic that brings theatrical productions to life. This hands-on course is capped at 20 students per class and covers the fundamentals of technical theater, including set design and construction, lighting, sound, props, costumes, and stage management. Students will work collaboratively to support school productions while learning the essential tools and techniques of stagecraft. Students may also use real world experiences to work events hosted at CMHS but not associated with Cabell County Schools while receiving financial compensation (taxed \$15.00/hr) and community service hours. Through problem-solving, creativity, and teamwork, students will develop practical skills in carpentry, painting, electrical work, and design. By the end of the course, students will have the opportunity to create and implement their designs, gaining valuable experience that can be applied to real-world scenarios in theater, live events, and entertainment production. Whether you aspire to work behind the scenes or want to learn more about what happens backstage, this course offers a comprehensive introduction to the technical side of theater.				
<i>Co-requisite: Students must be available for after-school practices and evening and/or weekend performances for CMHS and/or outside entities.</i>				

Transition to Work

Alternate Process/Workplace Skills	Course Code: 7603	Grades: 9-12	Terms: 2	Credit: 1
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 Awareness	Course Code: 7625	Grades: 9-12	Terms: 2	Credit: 1
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.				

HS Career Exploration	Course Code: 7627	Grades: 9-12	Terms: 2	Credit: 0
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-work 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. (BLOCK at CMHS)				

Career Preparation	Course Code: 7629	Grades: 9-12	Terms: 2	Credit: 1
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-work 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. (BLOCK at CMHS)				

World Languages

Dual Credit: American Sign Language I	Course Code: 5691	Grades: 9-12	Terms: 2	Credit: 1
Mountwest Community and Technical College Courses: ASL 101, 101L, 102, and 102L American Sign Language I introduces students to the fundamentals of ASL, including basic vocabulary, grammar, and conversational skills. Through interactive activities and cultural exploration, students will develop a foundational understanding of deaf culture and effective communication in sign language.				

Dual Credit: American Sign Language II	Course Code: 5692	Grades: 9-12	Terms: 2	Credit: 1
Mountwest Community and Technical College Courses: ASL 201, 201L, 202, and 202L American Sign Language II builds on the skills acquired in ASL I, focusing on more complex vocabulary, grammar, and conversational techniques. Students will engage in immersive activities that enhance their fluency and deepen their understanding of deaf culture and community.				

Russian I	Course Code: 5651	Grades: 9-12	Terms: 2	Credit: 1
Russian I introduces students to the basics of the Russian language, including essential vocabulary, grammar, and pronunciation. Through interactive activities and cultural exploration, students will develop foundational communication skills and gain insight into Russian culture and traditions.				

Russian II	Course Code: 5652	Grades: 9-12	Terms: 2	Credit: 1
Russian II builds on the skills learned in Russian I, focusing on more advanced vocabulary, grammar, and conversational techniques. Students will engage in immersive activities that enhance their fluency and deepen their understanding of Russian culture and literature.				
Prerequisite: Russian I				

Russian III Honors	Course Code: 5653	Grades: 9-12	Terms: 2	Credit: 1
Russian III further develops students' language proficiency by exploring complex grammatical structures, expanded vocabulary, and nuanced conversational skills. Through literature, media, and cultural discussions, students will enhance their fluency and gain a deeper appreciation for the richness of Russian language and culture.				
Prerequisite: Russian II				

Spanish I	Course Code: 5661	Grades: 9-12	Terms: 2	Credit: 1
Introduction to the Spanish language and culture will focus on the skills of reading, speaking, listening, grammar, and writing in Spanish. The understanding of cultural differences and similarities is an inherent part of the course.				

Spanish II	Course Code: 5662	Grades: 9-12	Terms: 2	Credit: 1
Continuation of Spanish I, with further emphasis on advanced grammar, conversation, reading, writing, and the study of additional aspects of Hispanic life.				
Prerequisite: Spanish I				

Spanish III Honors	Course Code: 5663	Grades: 9-12	Terms: 2	Credit: 1
Gives students the opportunity to apply the advanced skills already learned in listening, speaking, reading and writing Spanish. This course emphasizes the study of Hispanic culture. We also learn more advanced new concepts in Spanish.				
Prerequisite: Spanish II (C or above)				

Spanish IV Honors	Course Code: 5664	Grades: 9-12	Terms: 2	Credit: 1
Students will study a variety of Spanish language materials in depth that further develop students' reading, writing, listening, and speaking skills.				
Prerequisite: Spanish III Honors (C or above)				

CMHS CTE Pathways and Courses

CMHS Agriculture Education

Concentration	Program of Study 4 required courses
Agribusiness	Course #1 - 0101 Introduction to Agriculture, Food, and Natural Resources Course #2 - 0102 The Science of Agriculture Course #3 - 0134 Supervised Ag. Experience, 1/2 credit per year (SAE) One course from the Specialization List Below Course #4 - 1012 Fundamentals of Agriculture Mechanics** 0140 Animal Production and Management 0212 Horticulture**
Animal Systems	Course #1 - 0101 Introduction to Agriculture, Food, and Natural Resources Course #2 - 0140 Animal Production and Management Course #3 - 0134 Supervised Ag. Experience, 1/2 credit per year (SAE) Course #4 - 0141 Aquaculture** OR 0149 Companion Animal**
Plant Systems	Course #1 - 0101 Introduction to Agriculture, Food, and Natural Resources Course #2 - 0212 Horticulture** Course #3 - 0134 Supervised Ag. Experience, 1/2 credit per year (SAE) Course #4 - 0214 Greenhouse Production and Management** OR 0213 Floriculture**
Power, Structure & Technical Systems	Course #1 - 0101 Introduction to Agriculture, Food, and Natural Resources Course #2 - 0112 Fundamentals of Agriculture Mechanics** Course #3 - 0134 Supervised Ag. Experience, 1/2 credit per year (SAE) Course #4 - 0114 Agriculture Equipment and Repair**

** Indicates Simulated Workplace

Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide students with authentic learning experiences, employability skills, and instruction through Simulated Workplace. Teachers are responsible for providing work-based learning opportunities ensuring students submit timecards. Students are encouraged to become active members of a career technical student organization (CTSO). All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and standards. Please see the CTE Connect – Instructor's Guide for more information.

Agribusiness Systems Pathway

Intro to Agriculture, Food and Natural Resources	Course Code: 0101	Grades: 9-12	Terms: 2	Credit: 1
This introductory course is a core course for the Agriculture, Food and Natural Resources Career Cluster and is built to serve as a mandatory pre-requisite for all other agricultural education courses. This course builds a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food, and natural resources careers. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.				

The Science of Agriculture	Course Code: 0102	Grades: 10-12	Terms: 2	Credit: 1
<p>This course focuses on the basic scientific principles and processes related to the production of plants and animals for the food and fiber systems. Topics of instruction include basic understanding of the livestock/poultry industry and its various components, career opportunities, soil science, crop science/agronomy, weed science, basic agricultural mechanics and related industry careers, environmental stewardship, entrepreneurship, and leadership/personal development. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.</p>				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Agricultural Experience Program	Course Code: 0134	Grades: 9-12	Terms: 2	Credit: 0.5
<p>Students shall receive 0.5 credit per academic year based on the completion of an approved Supervised Agricultural Experience (SAE) and submission documentation. This course is required for ALL students enrolled in an Agriculture Courses. This course does not meet in person. Information for completion of this course will be given in person during the students enrolled Agriculture Course. SAE is a student-led, instructor-supervised, work-based learning experience that results in measurable outcomes within a predefined, agreed-upon set of Agriculture, Food, and Natural Resources (AFNR) Technical Standards and Career Ready Practices aligned to your career plan of study. If a student touches, prepares, sells, or communicates about anything related to AFNR, the experience will count as a legitimate SAE. SAEs are expected to relate to the concentration area in which the student seeks occupational completer status. An SAE shall fall into one of four categories: Exploratory/Foundational: Students will learn about the 'big picture' of agriculture and its many related careers. Research/Experimentation and Analysis: Students will conduct research or analyze information to discover new knowledge. Ownership/Entrepreneurship: Students will plan and operate an agriculture-related business. Placement: Students will work for someone else either for pay or for experience. Students conducting all types of SAEs will track hours (both paid and unpaid), progress, income, expenses, events, etc., in the Classroom-2-Career tracking system and the Agriculture Experience Tracker (AET).</p>				

Fundamentals of Agriculture Mechanics	Course Code: 0112	Grades: 10-12	Terms: 2	Credit: 1
<p>This course introduces the knowledge and skills for applying the physical science principles and principles of operation and maintenance to mechanical equipment, welding and fabrication, structures, plumbing, electrical wiring, power utilization, and entrepreneurship. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.</p>				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Animal Production and Management	Course Code: 0140	Grades: 10-12	Terms: 2	Credit: 1
This course is designed to be a core course in the Animal Systems Program of Study. The course will cover topics on animal restraint, animal management techniques, animal health, and welfare, balancing rations, pedigree analysis, and entrepreneurship. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Horticulture	Course Code: 0212	Grades: 10-12	Terms: 2	Credit: 1
This course provides instruction on the broad field of horticulture with an emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, career opportunities, leadership development, and entrepreneurial skills. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Animal Systems Pathway

Intro to Agriculture, Food and Natural Resources	Course Code: 0101	Grades: 9-12	Terms: 2	Credit: 1
This introductory course is a core course for the Agriculture, Food and Natural Resources Career Cluster and is built to serve as a mandatory pre-requisite for all other agricultural education courses. This course builds a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food, and natural resources careers. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.				

Animal Production and Management	Course Code: 0140	Grades: 10-12	Terms: 2	Credit: 1
This course is designed to be a core course in the Animal Systems Program of Study. The course will cover topics on animal restraint, animal management techniques, animal health, and welfare, balancing rations, pedigree analysis, and entrepreneurship. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Agricultural Experience Program	Course Code: 0134	Grades: 9-12	Terms: 2	Credit: 0.5
<p>Students shall receive 0.5 credit per academic year based on the completion of an approved Supervised Agricultural Experience (SAE) and submission documentation. This course is required for ALL students enrolled in an Agriculture Courses. This course does not meet in person. Information for completion of this course will be given in person during the students enrolled Agriculture Course. SAE is a student-led, instructor-supervised, work-based learning experience that results in measurable outcomes within a predefined, agreed-upon set of Agriculture, Food, and Natural Resources (AFNR) Technical Standards and Career Ready Practices aligned to your career plan of study. If a student touches, prepares, sells, or communicates about anything related to AFNR, the experience will count as a legitimate SAE. SAEs are expected to relate to the concentration area in which the student seeks occupational completer status. An SAE shall fall into one of four categories: Exploratory/Foundational: Students will learn about the 'big picture' of agriculture and its many related careers. Research/Experimentation and Analysis: Students will conduct research or analyze information to discover new knowledge. Ownership/Entrepreneurship: Students will plan and operate an agriculture-related business. Placement: Students will work for someone else either for pay or for experience. Students conducting all types of SAEs will track hours (both paid and unpaid), progress, income, expenses, events, etc., in the Classroom-2-Career tracking system and the Agriculture Experience Tracker (AET).</p>				

Aquaculture	Course Code: 0141	Grades: 10-12	Terms: 2	Credit: 1
<p>This specialization course focuses on the basic scientific principles and processes related to the aquaculture industry. Topics covered will be developing feed rations, business planning, developing marketing plans for aquaculture facilities, water quality, breeding, and management. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.</p>				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Companion Animal Care	Course Code: 0149	Grades: 9-12	Terms: 2	Credit: 1
<p>This is a specialization course designed for students interested in entering the companion animal industry as a pet groomer, animal care giver and/or companion animal entrepreneur. The course will cover topics on grooming, animal restraint, developing feed rations, business planning, developing marketing plans and animal facilities as they apply to various companion animals such as dogs, cats, rodents, birds, reptiles, amphibians, and fish. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.</p>				

Plant Systems Pathway

Intro to Agriculture, Food and Natural Resources	Course Code: 0101	Grades: 9-12	Terms: 2	Credit: 1
<p>This introductory course is a core course for the Agriculture, Food and Natural Resources Career Cluster and is built to serve as a mandatory pre-requisite for all other agricultural education courses. This course builds a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food, and natural resources careers. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.</p>				

Horticulture	Course Code: 0212	Grades: 10-12	Terms: 2	Credit: 1
<p>This course provides instruction on the broad field of horticulture with an emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, career opportunities, leadership development, and entrepreneurial skills. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.</p>				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Agricultural Experience Program	Course Code: 0134	Grades: 9-12	Terms: 2	Credit: 0.5
<p>Students shall receive 0.5 credit per academic year based on the completion of an approved Supervised Agricultural Experience (SAE) and submission documentation. This course is required for ALL students enrolled in an Agriculture Courses. This course does not meet in person. Information for completion of this course will be given in person during the students enrolled Agriculture Course. SAE is a student-led, instructor-supervised, work-based learning experience that results in measurable outcomes within a predefined, agreed-upon set of Agriculture, Food, and Natural Resources (AFNR) Technical Standards and Career Ready Practices aligned to your career plan of study. If a student touches, prepares, sells, or communicates about anything related to AFNR, the experience will count as a legitimate SAE. SAEs are expected to relate to the concentration area in which the student seeks occupational completion status. An SAE shall fall into one of four categories: Exploratory/Foundational: Students will learn about the 'big picture' of agriculture and its many related careers. Research/Experimentation and Analysis: Students will conduct research or analyze information to discover new knowledge. Ownership/Entrepreneurship: Students will plan and operate an agriculture-related business. Placement: Students will work for someone else either for pay or for experience. Students conducting all types of SAEs will track hours (both paid and unpaid), progress, income, expenses, events, etc., in the Classroom-2-Career tracking system and the Agriculture Experience Tracker (AET).</p>				

Greenhouse Production and Management	Course Code: 0214	Grades: 10-12	Terms: 2	Credit: 1
This specialization course covers instruction that expands the scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems light effects, career planning, leadership development and entrepreneurial skills. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Floriculture	Course Code: 0213	Grades: 9-12	Terms: 2	Credit: 1
This specialization course covers topics on floral design, business planning, market plan development, and entrepreneurship. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.				
Satisfies the Graduation Requirement of a Fine Arts Credit				

Power, Structural, & Technical Systems Pathway

Intro to Agriculture, Food and Natural Resources	Course Code: 0101	Grades: 9-12	Terms: 2	Credit: 1
This introductory course is a core course for the Agriculture, Food and Natural Resources Career Cluster and is built to serve as a mandatory pre-requisite for all other agricultural education courses. This course builds a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food, and natural resources careers. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.				

Fundamentals of Agriculture Mechanics	Course Code: 0112	Grades: 10-12	Terms: 2	Credit: 1
This course introduces the knowledge and skills for applying the physical science principles and principles of operation and maintenance to mechanical equipment, welding and fabrication, structures, plumbing, electrical wiring, power utilization, and entrepreneurship. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.				
Prerequisite: Intro to Agriculture, Food and Natural Resources				

Agricultural Experience Program	Course Code: 0134	Grades: 9-12	Terms: 2	Credit: 0.5
<p>Students shall receive 0.5 credit per academic year based on the completion of an approved Supervised Agricultural Experience (SAE) and submission documentation. This course is required for ALL students enrolled in an Agriculture Courses. This course does not meet in person. Information for completion of this course will be given in person during the students enrolled Agriculture Course. SAE is a student-led, instructor-supervised, work-based learning experience that results in measurable outcomes within a predefined, agreed-upon set of Agriculture, Food, and Natural Resources (AFNR) Technical Standards and Career Ready Practices aligned to your career plan of study. If a student touches, prepares, sells, or communicates about anything related to AFNR, the experience will count as a legitimate SAE. SAEs are expected to relate to the concentration area in which the student seeks occupational completer status. An SAE shall fall into one of four categories: Exploratory/Foundational: Students will learn about the 'big picture' of agriculture and its many related careers. Research/Experimentation and Analysis: Students will conduct research or analyze information to discover new knowledge. Ownership/Entrepreneurship: Students will plan and operate an agriculture-related business. Placement: Students will work for someone else either for pay or for experience. Students conducting all types of SAEs will track hours (both paid and unpaid), progress, income, expenses, events, etc., in the Classroom-2-Career tracking system and the Agriculture Experience Tracker (AET).</p>				

Agriculture Equipment and Repair	Course Code: 0114	Grades: 10-12	Terms: 2	Credit: 1
<p>This course builds on the 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. Students will apply principles of service and repair by troubleshooting problems and evaluating engine performance, following guidelines to service and repair power transmission systems, hydraulic systems, and entrepreneurship. Tools used with these procedures will allow students to demonstrate proper skills and safety. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets.</p>				
Prerequisites: Intro to Agriculture, Food and Natural Resources; Fundamentals of Agriculture Mechanics				

Allied Health Science Pathway

Foundations of Health Science	Course Code: 0711	Grades: 9-12	Terms: 1 or 2	Credit: 1
<p>This course covers medical terminology, safety, CPR, infection control, and communication skills. It is available as a block or yearlong course. Students engage in hands-on activities to apply their learning in real-world contexts.</p>				
Prerequisite: 9th-grade reading level.				

Advanced Principles of Health Science	Course Code: 0715	Grades: 9-12	Terms: 1 or 2	Credit: 1
<p>Instruction focuses on human growth, ethical issues, legal responsibilities, and medication math. This course is available as a block or yearlong course. Students participate in hands-on activities to reinforce their learning.</p>				
Prerequisites: 9th-grade reading and math level and an 80% in Foundations of Health Science.				

PTCB Preparation	Course Code: 0771	Grades: 9-12	Terms: 2	Credit: 1
This course prepares students for a clinical internship in pharmacy technology, using self-paced curriculum supported by teacher instruction. Students engage in hands-on activities and problem solving to gain the knowledge and skills required for certification as a Pharmacy Technician. Participation in HOSA is encouraged for real world experience.				
Prerequisite: 80% in Advanced Principles of Health Science				

PTCB Clinical Applications	Course Code: 0772	Grades: 9-12	Terms: 2	Credit: 1
Students participate in clinical internships, apply knowledge from the PTCB Preparation Course under a pharmacist's guidance. The internship includes hands-on practice in both institutional and retail settings, allowing students to develop their skills in real-world contexts.				
Prerequisite: 80% in PTCB Preparation				

Baking and Pastry Pathway

Baking and Pastry Foundations	Course Code: 1980	Grades: 9-12	Terms: 2	Credit: 1
This course covers safe food preparation, industry safety standards, and essential kitchen skills. Students engage in hands-on activities to develop their understanding of baking concepts and are encouraged to join SkillsUSA.				

Baking and Pastry I	Course Code: 1024	Grades: 9-12	Terms: 2	Credit: 1
This comprehensive course explores the intricate world of baking by focusing on the identification, classification, and properties of ingredients, as well as baking preparation (Mise en Place), basic baking techniques, and recipe comprehension. Students will learn to identify, compare, and contrast various ingredients and their sources, such as flours, sweeteners, and fats, while understanding the importance of factors like gluten and ingredient sustainability. They will explore the strengthening or weakening effects of ingredients in doughs and batters, selecting appropriate ingredients for desired outcomes, and considering substitutions when necessary. Additionally, the course covers the identification and description of physical, chemical, and biological leaveners, as well as herbs, spices, and flavor extracts. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.				

Baking and Pastry II	Course Code: 1025	Grades: 9-12	Terms: 2	Credit: 1
This course is designed to polish your skills in Baking Preparation (Mise en Place). In this course, students will master a variety of cooking methods including baking, frying, and steaming. From carefully reviewing recipes to executing each step with precision, you'll learn the fundamentals of baking like preheating the oven, measuring ingredients, and checking for doneness. Students will explore the realm of Basic Baking as you explore the intricacies of pie dough types, fruit pie filling methods, and egg foam techniques such as sponge, génoise, and angel food. Students will learn the science behind various frosting, icing, and glaze types, and discover the versatility of Pâte à Choux such as cream puffs and éclairs. Students will gain hands-on experience in creating an assorted selection of desserts, including ice cream products, tortes, specialty cakes, petits fours, confections, as well as mastering techniques in chocolate and sugar work, preparing them with comprehensive skills for success in the baking and pastry industry.				

Baking and Pastry Advanced	Course Code: 1026	Grades: 9-12	Terms: 2	Credit: 1
Students explore intricate baking techniques, including tortes, specialty cakes, and plated desserts. The course includes experience with chocolate and sugar work, emphasizing hands-on learning and real-world applications.				

JROTC Pathway

JROTC I	Course Code: 1065	Grades: 9-12	Terms: 2	Credit: 1
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. In addition, this course prepares students for future leadership roles. Students learn and apply the following blocks of instruction in a hands-on learning environment: citizenship, aviation, personal appearance, American Military Traditions and Customs, physical fitness etc.				

JROTC II	Course Code: 1066	Grades: 9-12	Terms: 2	Credit: 1
Designed to familiarize students with the aerospace environment, the principles of flights and navigation, and human limitations of flight. This course also provides students with essential leadership skills by placing them in team level leadership positions in a classroom environment. Students learn and apply the following blocks of instruction in a hands-on environment: Achieving a healthy lifestyle, communication skills, citizenship skills, foundations of the Democracy, and continued service learning.				
Prerequisite: JROTC I				

JROTC III	Course Code: 1080	Grades: 9-12	Terms: 2	Credit: 1
Study propulsion systems principles, rocketry fundamentals and their applications to spacecraft, principles underlying space travel, and various aspects of space exploration. This course also provides students with essential leadership skills by placing them in midlevel leadership positions in a classroom environment. Students learn and apply the following blocks of instruction in a hands-on learning environment: Basic staff principles, leadership strategies, leading others, presenting skills, managing conflict, career planning, social responsibility, etc.				
Prerequisite: JROTC II				

JROTC IV	Course Code: 1081	Grades: 9-12	Terms: 2	Credit: 1
Participate in the management of the cadet corps and study careers available in the civilian and military aerospace communities. This course also maximizes students' leadership abilities by placing them in upper-level leadership positions in a classroom environment. Students learn and apply the following blocks of instruction in a hands-on learning environment: Citizenship in action, leadership principles, power bases and influence, styles of leadership, management skills, communication skills, etc.				
Prerequisite: JROTC III				

JROTC V	Course Code: 1062	Grades: 9-12	Terms: 2	Credit: 1
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 as found in all AFJROTC courses.				
Prerequisite: JROTC I, Algebra I, and age 16 by March 1				

Pre-Engineering Pathway (CMHS)

Introduction to Engineering Design	Course Code: 2461	Grades: 9-12	Terms: 2	Credit: 1
This course teaches problem-solving skills through a design development process, using solid modeling software.				

Principles of Engineering	Course Code: 2463	Grades: 9-12	Terms: 2	Credit: 1
In this research course, students work in teams to design, test, and construct solutions to open-ended engineering problems.				

Digital Electronics	Course Code: 2462	Grades: 9-12	Terms: 2	Credit: 1
Students explore technology systems and manufacturing processes, and learn how engineers use math and science in problem-solving. Digital Electronics teaches applied logic through work with electronic circuitry. Students simulate circuits using software before constructing prototypes to test				

Civil Engineering and Architecture	Course Code: 2466	Grades: 9-12	Terms: 2	Credit: 1
This course provides an overview of civil engineering and architecture, emphasizing their interrelationship.				

ProStart Restaurant Management Pathway

Restaurant and Culinary Foundations	Course Code: 1013	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on safe food preparation and service, introducing industry safety standards and restaurant equipment. Students engage in hands-on activities to develop essential employability skills in the restaurant industry. Real-world learning opportunities are emphasized, and participation in DECA, FCCLA, or SkillsUSA is encouraged.				

Restaurant Management Essentials	Course Code: 1014	Grades: 9-12	Terms: 2	Credit: 1
This course covers essential management principles in the restaurant industry, focusing on guest service, food production, and career exploration. Offered as a block course, it provides hands-on experiences and problem-solving techniques to understand restaurant management dynamics. Participation in DECA, FCCLA, or SkillsUSA is encouraged.				

Advanced Principles in Food Production	Course Code: 1019	Grades: 9-12	Terms: 2	Credit: 1
This course examines advanced food production techniques, marketing, and cost control. Students learn to identify and prepare various foods, including fruits, vegetables, and dairy products, through hands-on activities. Participation in DECA, FCCLA, or SkillsUSA is encouraged to enhance their culinary skills and industry knowledge.				

Restaurant Professional	Course Code: 1020	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on menu management, marketing, and customer service in the restaurant industry. Students can earn nationally recognized certification by passing exams and completing a work experience component.				

Sports Medicine Pathway

Foundations of Sports Medicine	Course Code: 0840	Grades: 9-12	Terms: 2	Credit: 1
This course is designed to provide the student with knowledge on health care laws and ethics, medical terminology, basic anatomy, injury recognition, and infections control related to Sports Medicine. It is also designed to allow instructional content to focus on Sports Medicine related professions and teamwork. Students utilize problem-solving techniques and participate in hands on activities to develop an understanding of course concepts.				
Prerequisite: High School Health				

Dual Credit: Advanced Principles of Sports Medicine	Course Code: 0841	Grades: 9-12	Terms: 2	Credit: 1
Marshall University Course: HS 222				
This course is designed to provide the student with knowledge on sports trauma and injuries. The instructional content will focus on the psychological effects of sports injury, emergency planning and injury evaluation, and technical skills. Students utilize problem-solving techniques and participate in hands on activities to develop an understanding of course concepts. This course is offered as a block only.				
Prerequisite: Foundations of Sports Medicine				

Dual Credit: Athletic Injury Recognition and Prevention	Course Code: 0842	Grades: 9-12	Terms: 2	Credit: 1
Marshall University Course: HS 212				
Instructional content of this course will focus on sports injury prevention and rehabilitation. This course is designed to allow students to focus on nutrition for athletes, therapeutic modalities, therapeutic exercise and intervention, reconditioning, and pain management. Students will participate in a work-based clinical internship in the sports medicine industry. Due to health care industry standards, exemplary attendance is mandatory. This course is offered as a block only.				
Prerequisite: Advanced Principles of Sports Medicine				

Dual Credit: Practical Applications of Sports Medicine	Course Code: 0843	Grades: 9-12	Terms: 2	Credit: 1
Marshall University Course: HS 215 Instructional content of this course will focus on management of sports injuries. This course is designed to allow students to apply sports medicine skills and knowledge to analyze injuries, develop injury rehabilitation plans, perform specialized taping skills, and demonstrate leadership in the clinical setting. Students will participate in a work-based clinical internship in the sports medicine industry. Due to health care industry standards, exemplary attendance is mandatory. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. This course requires 100% drug testing prior to entering clinical experiences plus 30 hours each semester of observation hours. Prerequisite: Athletic Injury Recognition and Prevention				

Therapeutic Services Pathway

Foundations of Health Science	Course Code: 0711	Grades: 9-12	Terms: 2	Credit: 1
This course covers medical terminology, safety, CPR, infection control, and communication skills. It is available as a block or yearlong course. Students engage in hands-on activities to apply their learning in real-world contexts. Prerequisite: 9th-grade reading level				

Advanced Principles of Health Science	Course Code: 0715	Grades: 9-12	Terms: 1 or 2	Credit: 1
Instruction focuses on anatomy and physiology, ethical issues, vital signs, legal responsibility, and medication math. This course is available as a block or yearlong course. Students participate in hands-on activities to reinforce their learning. Prerequisite: 9 th grade reading and math level, and an 80% in Foundations of Health Science.				

Clinical Specialties I	Course Code: 0789	Grades: 9-12	Terms: 1	Credit: 1
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 Specialties II	Course Code: 0790	Grades: 9-12	Terms: 1	Credit: 1
This course follows Clinical Specialist 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 Prerequisites: At least 80% in Clinical Specialties I				

CTE Enrichment Courses

Digital Photography	Course Code: 1515	Grades: 9-12	Terms: 2	Credit: 1
This course explores basic camera techniques and printing methods, emphasizing creativity and experimentation. Adobe Photoshop is a key tool used in the course to help students enhance their photography skills.				

Dual Credit: Medical Terminology	Course Code: 0721	Grades: 9-12	Terms: 2	Credit: 1
Mountwest Community & Technical College Course: AH 151 Students learn the language of medicine, including building and analyzing medical terms related to the human body. The course includes hands-on activities and real-world learning opportunities, encouraging participation in HOSA. Students develop problem-solving techniques to enhance their understanding of medical terminology.				

Fish and Wildlife Management	Course Code: 0190	Grades: 10-12	Terms: 2	Credit: 1
This specialization course covers topics on advanced wildlife management principles, water quality, fish biology, history of fish and wildlife, habitat management, life history, and wildlife values as a natural resource. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real-world learning opportunities and instruction. Students are encouraged to become active members of the student organization, FFA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skillsets. Prerequisite: Intro to Agriculture, Food and Natural Resources				

Foundational Food Preparation	Course Code: 0954	Grades: 9-12	Terms: 2	Credit: 1
Students gain foundational skills for healthy food preparation, focusing on nutrition, sustainability, and meal management. The course includes hands-on activities and encourages participation in student organizations.				

Parenting and Strong Families	Course Code: 0903	Grades: 9-12	Terms: 2	Credit: 1
This course helps students evaluate their readiness for parenting while exploring appropriate practices. It is offered as a Block only.				



Welcome to CCCTC!



Principal/Director

Mrs. Melissa D. Ash

304-528-5106

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Associate Principal

Mr. Travis Baker

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At Cabell County Career Technology Center, we are dedicated to providing students with the tools and knowledge they need to succeed in their future careers through a diverse range of hands-on, technical training programs. Our Career Technical Education (CTE) programs empower students to explore potential careers while equipping them with real-world knowledge and skills. These programs also offer opportunities for industry-recognized credentials and meaningful work-based learning experiences.

Please note that all of the pathways listed on the following pages require the completion of all four courses within the sequence for students to be considered official completers.

We invite you to explore our course offerings and take the first step toward a rewarding career!

Cabell County Career Technology Center Pathway Offerings

Automotive Technology Pathway

Automotive Tech Maintenance & Light Repair (MLR) 1	Course Code: 1631	Grades: 9-12	Terms: 2	Credit: 1
This introductory course covers automotive service practices, safety, tools, and electrical systems. Students engage in hands-on activities and problem-solving techniques, with encouragement to join SkillsUSA for real-world learning opportunities.				

Automotive Tech Maintenance & Light Repair (MLR) 2	Course Code: 1623	Grades: 9-12	Terms: 2	Credit: 1
This course builds skills in diagnosing and repairing steering, suspension, and brake systems. Students participate in hands-on activities and problem-solving techniques, with encouragement to join WV SkillsUSA for real-world learning opportunities.				

Automotive Tech Maintenance & Light Repair (MLR) 3	Course Code: 1625	Grades: 9-12	Terms: 2	Credit: 1
Students develop skills in diagnosing and repairing electrical systems and engines. The course emphasizes hands-on activities and problem-solving, with encouragement to participate in WV SkillsUSA for practical experience.				

Automotive Tech Maintenance & Light Repair (MLR) 4	Course Code: 1637	Grades: 9-12	Terms: 2	Credit: 1
This course completes the program with skills in engine performance, computerized controls, and transmission maintenance. Students participate in hands-on activities and problem-solving, with encouragement to join WV SkillsUSA for practical experience.				

Building Maintenance & Operations Pathway

Building Maintenance and Operations I	Course Code: 1774	Grades: 9-12	Terms: 2	Credit: 1
This course introduces students to building maintenance fundamentals, including safety and basic construction skills. Students engage in hands-on activities and are encouraged to join WV SkillsUSA for real-world learning opportunities.				

Building Maintenance and Operations II	Course Code: 1775	Grades: 9-12	Terms: 2	Credit: 1
Students build skills in handling concrete and masonry techniques. The course emphasizes hands-on learning and problem-solving, with encouragement to participate in WV SkillsUSA for practical experience.				

Building Maintenance and Operations III	Course Code: 1776	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on floor systems, wall framing, and roofing applications. Students engage in hands-on activities and problem-solving techniques while being encouraged to join WV SkillsUSA for real-world learning.				

Building Maintenance and Operations IV	Course Code: 1777	Grades: 9-12	Terms: 2	Credit: 1
Students learn about exterior finishing, electrical safety, and residential services. The course emphasizes hands-on activities and problem-solving, with encouragement to join WV SkillsUSA for practical experience.				

Carpentry Pathway

Carpentry I	Course Code: 1842	Grades: 9-12	Terms: 2	Credit: 1
This introductory course covers safety, construction math, and basic carpentry skills. Students engage in hands-on activities and are encouraged to join WV SkillsUSA for real-world learning opportunities.				

Carpentry II	Course Code: 1843	Grades: 9-12	Terms: 2	Credit: 1
Students continue to build skills in reading plans, framing, and concrete techniques. The course emphasizes hands-on learning and problem-solving, with encouragement to participate in WV SkillsUSA for practical experience.				

Carpentry III	Course Code: 1844	Grades: 9-12	Terms: 2	Credit: 1
This course builds skills in commercial drawings, roofing applications, and exterior finishing. Students engage in hands-on activities and problem-solving techniques while being encouraged to join WV SkillsUSA for real-world learning.				

Carpentry IV	Course Code: 1845	Grades: 9-12	Terms: 2	Credit: 1
Students learn about cold-formed steel framing, drywall installation, and cabinet fabrication. The course emphasizes hands-on activities and problem-solving, with encouragement to participate in WV SkillsUSA for practical experience.				

Coding, App, & Game Design Pathway

Digital Imaging/Multimedia I	Course Code: 1431	Grades: 9-12	Terms: 2	Credit: 1
This course develops students' understanding and skills in digital imaging and multimedia, focusing on business and marketing career readiness. It is recommended as an elective in the Microsoft Computer Applications (MCAS) and Certified Internet Webmaster (CI) Programs of Study. Students engage in hands-on problem-solving activities and real-world learning experiences. Membership in FBLA is encouraged. Classroom instruction integrates learning skills and technology tools.				

Coding, App, and Game Design I	Course Code: 1456	Grades: 9-12	Terms: 2	Credit: 1
Students in this course learn the fundamentals of programming, game, and app design. Topics include paper prototyping, planning techniques, and the use of various design platforms, programming languages, drawing, and animation to create interactive game and app demonstrations.				

Coding, App, and Game Design II	Course Code: 1457	Grades: 9-12	Terms: 2	Credit: 1
Building on the concepts of the first course, students will focus on more advanced coding and graphic design for apps and games, including both 2D and 3D elements. Problem-solving and hands-on activities help students deepen their understanding of these concepts.				

Digital Imaging/Multimedia II	Course Code: 1432	Grades: 9-12	Terms: 2	Credit: 1
This course expands on the skills from Digital Imaging/Multimedia I, focusing on advanced techniques in imaging, drawing, animation, and video software. Students use advanced tools to complete complex projects. Real-world learning opportunities are provided, and participation in FBLA is encouraged. Instruction includes technology integration and skill set development.				

Collision Repair Technology Pathway

Fundamentals of Collision Repair Technology	Course Code: 1671	Grades: 9-12	Terms: 2	Credit: 1
Students learn the basics of collision repair, including tools, panel straightening, and vehicle preparation. The course emphasizes safety and hands-on activities, encouraging participation in WV SkillsUSA for real-world learning opportunities.				

Non-structural Analysis and Damage Repair	Course Code: 1675	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on non-structural analysis and repair of metal and composite parts. Students engage in hands-on activities and problem-solving techniques, with safety instruction integrated throughout the course.				

Structural Analysis and Damage Repair	Course Code: 1677	Grades: 9-12	Terms: 2	Credit: 1
Students build skills in repairing frame and unibody vehicles using welding techniques and measuring equipment. The course emphasizes hands-on activities and problem-solving, with encouragement to join WV SkillsUSA for practical experience.				

Surface Preparation and Refinishing	Course Code: 1679	Grades: 9-12	Terms: 2	Credit: 1
This course builds skills in surface preparation, equipment operation, and diagnosing finish defects. Students engage in hands-on activities and problem-solving techniques, with encouragement to join WV SkillsUSA for real-world learning opportunities.				

Electrical Technician Pathway

Electrical Trades I	Course Code: 1756	Grades: 9-12	Terms: 2	Credit: 1
This introductory course covers safety, construction math, and basic electrical skills. Students develop foundational knowledge through hands-on activities and are encouraged to participate in WV SkillsUSA.				
Electrical Trades II	Course Code: 1757	Grades: 9-12	Terms: 2	Credit: 1
Students continue to build skills in electrical circuits, theory, and the National Electrical Code. The course emphasizes hands-on learning and problem-solving techniques, with encouragement to join WV SkillsUSA.				
Electrical Trades III	Course Code: 1758	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on alternating current, motors, and electric lighting. Students engage in hands-on activities and problem-solving techniques while being encouraged to participate in WV SkillsUSA for real-world applications.				
Electrical Trades IV	Course Code: 1759	Grades: 9-12	Terms: 2	Credit: 1
Students learn about pull boxes, conductor installations, and control systems. The course emphasizes hands-on activities and problem-solving, with encouragement to join WV SkillsUSA for practical experience.				

Entrepreneurship & Innovation Pathway

Entrepreneurship I	Course Code: 1474	Grades: 9-12	Terms: 2	Credit: 1
This introductory course explores entrepreneurship, focusing on mindsets, problem framing, and the design thinking process. Students learn to identify entrepreneurial opportunities within their local community.				
Entrepreneurship II	Course Code: 1475	Grades: 9-12	Terms: 2	Credit: 1
Students learn to create desirable business ventures by identifying customer needs and using the Business Model Canvas (BMC). The course covers marketing strategies and value propositions to attract customers.				
Entrepreneurship III	Course Code: 1476	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on business feasibility and viability, teaching students to set up their business using the BMC. It introduces entrepreneurial finance, helping students develop a competitive revenue model and financial tools.				

Entrepreneurship IV	Course Code: 1477	Grades: 9-12	Terms: 2	Credit: 1
The final course prepares students to launch their business, covering technical aspects like licenses and business structure. Students learn about business management, operations, and team development to ensure a successful launch.				

Graphic Design & Illustration Pathway

Fundamentals of Illustration	Course Code: 1851	Grades: 9-12	Terms: 2	Credit: 1
This course introduces students to the essential knowledge and skills in illustration, including media applications, perspective, drawing, and painting. The course prepares students for more advanced study in graphic design, and students participate in real-world learning experiences. Skills USA membership is encouraged for leadership and experiential learning opportunities.				

Illustration	Course Code: 1861	Grades: 9-12	Terms: 2	Credit: 1
This course delves into advanced topics in illustration, such as color theory, proportions, and portfolio development. Students gain technical expertise in advanced illustration techniques and explore career opportunities. Skills USA membership is encouraged to support leadership development and experiential learning.				

Fundamentals of Graphic Design	Course Code: 1857	Grades: 9-12	Terms: 2	Credit: 1
Students in this course develop a foundation in graphic design, focusing on computer skills, design principles, and customer specifications. Emphasis is placed on personal and professional ethics. Participation in real-world learning opportunities is a key component, and membership in Skills USA is encouraged.				

Graphic Design Applications	Course Code: 1859	Grades: 9-12	Terms: 2	Credit: 1
This course focuses on advanced advertising concepts and layout procedures, including demographics, vector and raster graphics, and mechanical preparation. Students will work on design projects and gain technical expertise while exploring career opportunities in graphic design.				

HVAC Technician Pathway

HVAC I	Course Code: 1752	Grades: 9-12	Terms: 2	Credit: 1
This introductory course covers the basics of the HVAC industry, including safety, construction math, and fundamental HVAC skills. Students engage in hands-on activities and are encouraged to join WV SkillsUSA.				

HVAC II	Course Code: 1753	Grades: 9-12	Terms: 2	Credit: 1
Building on HVAC I, this course focuses on piping practices, basic electricity, and air distribution systems. Students continue to develop their skills through hands-on activities and real-world learning opportunities.				

HVAC III	Course Code: 1754	Grades: 9-12	Terms: 2	Credit: 1
This course advances HVAC skills in areas like commercial airside systems and leak detection. Students participate in hands-on activities and are encouraged to engage with WV SkillsUSA for real-world learning experiences.				

HVAC IV	Course Code: 1755	Grades: 9-12	Terms: 2	Credit: 1
This course builds skills in troubleshooting gas heating and cooling, heat pumps, and duct systems. Students engage in hands-on activities and problem-solving techniques while being encouraged to join WV SkillsUSA for real-world learning.				

Law and Public Safety Pathway

Fundamentals of Public Safety Leadership	Course Code: 1225	Grades: 9-12	Terms: 2	Credit: 1
This course introduces foundational principles of public safety leadership, focusing on the protection of democratic society and public policy issues related to crime and justice. Students engage in hands-on activities to understand the organization and functions of public safety components and the challenges faced in a culturally diverse society. Participation in SkillsUSA is encouraged.				

Ethical Issues in Public Safety	Course Code: 1226	Grades: 9-12	Terms: 2	Credit: 1
This course examines ethical dilemmas in public safety leadership, including accountability and criminal investigation. Students analyze serious offenses and apply concepts of profiling and threat assessment within an ethical framework. Hands-on activities and problem-solving techniques are utilized to deepen understanding, with SkillsUSA participation encouraged.				

Practical Applications of Public Safety	Course Code: 1039	Grades: 9-12	Terms: 2	Credit: 1
This course connects theory and practice by allowing students to interact with public safety professionals. Students study employability requirements, including ethics and teamwork, and may participate in hands-on activities with public safety agencies. A portfolio is constructed to aid in job-seeking upon program completion, with SkillsUSA participation encouraged.				

Seminar in Law Enforcement	Course Code: 1035	Grades: 9-12	Terms: 2	Credit: 1
This course covers fundamental principles of law enforcement, including the history of policing, characteristics of law enforcement agencies, and criminal investigation techniques. Students engage in hands-on activities such as evidence collection and report writing while exploring current issues and trends in law enforcement. Participation in SkillsUSA is encouraged.				

Machine Tool Technology Pathway

Fundamentals of Machine Tool Technology	Course Code: 1903	Grades: 9-12	Terms: 2	Credit: 1
This course introduces students to hydraulic and pneumatic principles and their applications in the Machine Tool Technology industry. Students engage in hands-on activities and problem-solving to develop technical skills. Real-world learning opportunities are emphasized, and participation in WV SkillsUSA is encouraged.				

Fundamentals of Machine Processes	Course Code: 1905	Grades: 9-12	Terms: 2	Credit: 1
Students develop skills in intermediate hand tools, power tools, and machine operations. The course emphasizes hands-on activities and problem-solving to enhance understanding of machine processes. Real-world learning opportunities are provided, and students are encouraged to participate in WV SkillsUSA.				

Machine Tool Operations	Course Code: 1907	Grades: 9-12	Terms: 2	Credit: 1
This course covers grinding techniques, lathe operations, milling operations, and CNC machining, with a focus on career exploration and safety. Students engage in hands-on activities and problem-solving to understand machine tool operations. Real-world learning opportunities are emphasized, and participation in WV SkillsUSA is encouraged.				

Metal Trades Processes and Applications	Course Code: 1909	Grades: 9-12	Terms: 2	Credit: 1
Students build skills in power saw, lathe, milling machine, and CNC operations. The course emphasizes hands-on activities and problem-solving to develop an understanding of metal trades processes. Real-world learning opportunities are provided, and students are encouraged to participate in WV SkillsUSA.				

Pre-Cosmetology Pathway

Barbering and Cosmetology Foundations	Course Code: 1737	Grades: 10-12	Terms: 2	Credit: 1
This course provides fundamental theory in professional development, including communication and infection control. Students engage in hands-on activities and problem-solving, with encouragement to join SkillsUSA for practical experience.				

Cosmetology Professional I	Course Code: 1734	Grades: 10-12	Terms: 2	Credit: 1
Students learn skills for hair and scalp treatment, hairstyles, and facial shapes. The course emphasizes hands-on activities and problem-solving, with encouragement to join SkillsUSA for practical experience in hairstyling.				

Cosmetology Professional II	Course Code: 1735	Grades: 10-12	Terms: 2	Credit: 1
This course focuses on working with wigs, hair additions, and braiding. Students participate in hands-on activities and problem-solving techniques, with real-world learning opportunities provided by instructors.				

Cosmetology Professional Advanced	Course Code: 1736	Grades: 10-12	Terms: 2	Credit: 1
Students gain knowledge and skills in haircutting principles and practices. The course emphasizes hands-on activities and problem-solving, encouraging participation in SkillsUSA for real-world applications.				

Cosmetology Chemical I	Course Code: 1730	Grades: 10-12	Terms: 2	Credit: 1
This course covers scalp care, shampooing, and conditioning, focusing on pH importance and surfactants. Students engage in hands-on activities and problem-solving techniques, with encouragement to join a student organization for real-world learning.				
Cosmetology Science I	Course Code: 1738	Grades: 10-12	Terms: 2	Credit: 1
This course covers the scientific aspects of cosmetology, including human anatomy, chemistry, and infection control. Students engage in hands-on activities and problem-solving techniques, with encouragement to join SkillsUSA for real-world learning.				
Cosmetology Science II	Course Code: 1740	Grades: 10-12	Terms: 2	Credit: 1
Students learn about electricity and chemical products in cosmetology and their effects on human anatomy. The course emphasizes hands-on activities and problem-solving, preparing students for careers in cosmetology.				
Cosmetology Chemicals II	Course Code: 1750	Grades: 10-12	Terms: 2	Credit: 1
This course focuses on chemical texture services and hair coloring, covering hair analysis, permanent waving, and color theory. Students engage in hands-on activities and are encouraged to join a student organization for practical experience.				

Welding Pathway

Welding I	Course Code: 1862	Grades: 9-12	Terms: 2	Credit: 1
Students are introduced to basic welding techniques and safety practices. This course covers welding safety, oxyfuel cutting, and plasma arc cutting, along with basic construction tools and communication skills. Hands-on activities provide practical experience.				
Welding II	Course Code: 1863	Grades: 9-12	Terms: 2	Credit: 1
This course builds upon Welding I, with focus areas including air carbon arc cutting, SMAW equipment, and fillet welds. Students enhance their welding skills through practical activities, guided by real-world applications.				
Welding III	Course Code: 1864	Grades: 9-12	Terms: 2	Credit: 1
This course builds skills in welding symbols, reading detail drawings, and understanding the properties of metals, focusing on GMAW and FCAW techniques. Students engage in hands-on activities and problem-solving to develop their understanding of course concepts. Participation in WV SkillsUSA is encouraged for real-world learning opportunities.				
Welding IV	Course Code: 1865	Grades: 9-12	Terms: 2	Credit: 1
Continuing from Welding III, this course focuses on GTAW techniques and equipment. Students participate in hands-on activities and problem-solving to deepen their understanding of welding concepts. Real-world learning opportunities are provided, and students are encouraged to join WV SkillsUSA.				

CCCTC Application



Automotive Technology



Building Maintenance



Carpentry



Coding, Application and
Game Design



Collision Repair



Electrical



Entrepreneurship



Graphic Design



HVAC



Law and Public Safety



Machine Trades



Pre-Cosmetology



Welding



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