

**2021 - 2022**

**Cabell Midland  
Knights**



**Curriculum and Course Selection Guide  
Grades 10 - 12**



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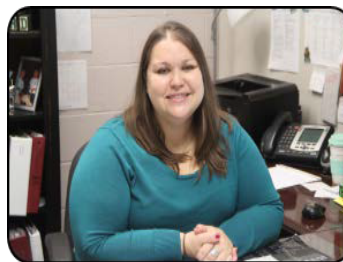
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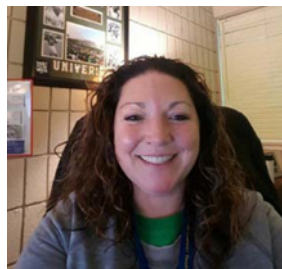
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# **State Policy and Scheduling Information Section**



# Core Requirements for Graduation

Following are the graduation requirements for students in Cabell County public high schools. Students are required to complete 24 credits to graduate.

## **Credits Required: 24**

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

## WVBE Policy 2315 Policy Requirements for PEP

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

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

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

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

## General Information on Honors and AP courses

### Policies and Practices

- Students who have questions about honors and AP courses are encouraged to communicate with their current teacher and the teacher of record for the next course. All students are encouraged to participate in the course that is most challenging and appropriate to their post-secondary plans.
- Late work is only accepted at the discretion of the honors teacher. 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.

### WITHDRAWAL FROM HONORS AND AP COURSES

Please refer to 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. Many of the Honors level and AP classes require summer reading assignments. These assignments are mandatory with deadlines throughout the summer. **There will be no extensions.** Failure to take the AP Exam results in the AP course being removed from the student’s transcript and being replaced with a non-weighted regular course.

## Advanced Placement Exam Equivalency to College Credit

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

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

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

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

## West Virginia University Advanced Placement Program (AP)

Examination	Minimum Score	Credit Hours	Course Equivalent
ART (Studio)			
Studio Art Drawing	3	3	ART 111
Studio Art-2-D Design	3 or 4	3	Open credit ART
Studio Art-2-D Design	5	3	ART 121
Studio Art-3-D Design	3	3	ART 122
ART HISTORY	3	3	ARHS 101
BIOLOGY	3	8	BIOL 101,102, 103,104
CHEMISTRY	3	8	CHEM 115, 116
CLASSICS			
Latin	3	6	CLASS 101, 102
COMPUTER SCIENCE			
Computer Science A	3	3	CS 1 AP
Computer Science AB	3	6	CS 110
Computer Science Principles	3	3	CS 1 AP
ECONOMICS			
Microeconomics	3	3	ECON 201
Macroeconomics	3	3	ECON 202
ENGLISH			
Engl. Lit. and Comp	3	3	ENGL 131
Engl. Lit. and Comp	4	6	ENGL 131, 132
Engl. Lang. and Comp	3	3	ENGL 101
Engl. Lang. and Comp	4	6	ENGL 101, 102
(9 units maximum for both tests)			
ENVIRONMENTAL SCIENCE	3	4	GEOL 110/111 GEOG 110/111
FOREIGN LANGUAGE			
Chinese Lang. & Culture	3	6	CHIN 101, 102
French Language	3	6	FRCH 101, 102
French Literature	3	6	FRCH 203, 204
German Language	3	6	GER 101, 102
Italian Lang. & Culture	3	6	ITAL 101, 102

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

**Check with other universities and colleges for AP equivalent credits.**

## Scheduling Information

### **SCHEDULE CHANGES**

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

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

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

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

### **SUMMER READING PROGRAM**

Some courses require mandatory summer reading. The book is selected in the spring and information is provided to students and parents prior to the summer break. Students complete summer assignments which are part of the expectations for all students in select courses.

### **COMMUNITY SERVICE REQUIREMENT**

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

## Course Withdrawal

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

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

## VIRTUAL SCHOOL

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

Students shall complete year-long course requirements by the last day of school for students during the current school year. It is the student's and parents' responsibility to determine adequate progress is maintained during the course. Students failing the virtual course will be allowed to do credit recovery. As virtual courses are paid for by the state for the initial class, repeating a failing class through virtual school will be at parents' expense.

Virtual School is offered during the regular school year. Students requesting Virtual School during the Summer Session will be denied. If a student participates in a Virtual School course through private pay, the course will NOT be added to the student's transcript.

### WVVS Grade Transcripts and Drop Policy

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

The virtual course grade will be available to the school co-teacher/facilitator/mentor. The co-teacher/facilitator/mentor ensures that student grades for WV Virtual School courses are entered in the WVEIS data system. No changes can be made to the online course grade by local school personnel.

Grades must be recorded by using the percentage grade issued by the online instructor. Most course providers recognize grading scales vary from state to state and do not post a letter grade to the final grade report. In the event a course provider assigns a letter grade in addition to the percentage, the letter grade should be disregarded. Letter grades assigned to a student's transcript must follow the WV Uniform Grading Scale.

Tuition for virtual courses is paid by the WV Virtual School with some stipulations. The county incurs no expense for the first ten students in the same course in the same school per year. The county incurs expense if any student takes over two classes per year. The county is responsible for providing any textbooks and/or lab materials required by virtual courses. Students may not be enrolled in more than two virtual courses at a time unless they are full-time virtual school. The student can only take up to nine classes brick-and-mortar and virtual combined.

## NCAA Eligibility and Virtual School

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

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



## COLLEGE ENTRANCE EXAMS

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

### PSAT TEST

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

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

### ARMED SERVICE VOCATIONAL APTITUDE BATTERY (ASVAB)

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

## ATTENTION PARENTS!

### ACT AND SAT SCORES NEEDED FOR DUAL CREDIT COURSES

Students interested in registering for dual credit courses through Marshall University need to have their scores back by first day of class to be eligible for the dual credit course. For 10<sup>th</sup> graders registering for 11<sup>th</sup> grade dual credit classes, it is recommended that the student take either test during the spring or summer prior to the beginning of school. See the dual credit score prerequisites.



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

### Advantages of Taking Dual Credit Courses

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

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

### What You Need to Know

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

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

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

## Additional Information

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

- Students who plan to attend a different college should check with that college's admission requirements to ensure that dual credit courses will transfer, either as required or elective courses.
- Students' grades for their high school transcript will be based on the county's grading scale. Grades for the students' college transcript will be based on the college's grading scale.
- Students should have the ACT/SAT scores sent to institution offering the credit, even if they do not plan to attend either university. This will make the dual enrollment process run more smoothly.

### General Education Courses Required at Marshall University (Core II)

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



Mountwest Community and Technical College offers a wide variety of 1) skill sets, 2) certificates, and 3) associate degrees which allow students to get a head start on their post-high school education. By combining high school courses which count for college credit with online or on-campus courses, students may begin their journey to earning certificate or degree through MCTC. For more, information, visit MCTC's website: <http://www.mctc.edu/>.

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

<b>Dual Enrollment Courses Marshall University</b>	
<b>High School Course</b>	<b>College Course Credit</b>
Advanced Mathematical Modeling	Math 121B 4 hrs
Trigonometry	Math 122 3 hrs
Pre-Calculus	Math 127 5 hrs
English 101/201	English 101/201 6 hrs
BSC 104/105	BSC 104/105 4 hrs each
History 103/History 231 (HHS)	History 103 and 231 6 hrs
History 103 (CMHS)	History 103 3 hrs
Introduction to Geospatial Information Systems	GIS 101,102,103 3 hrs
Speech and Oral Communication	COM 103 3 hrs
Spanish 101 – Dual Credit	SPN 101 3 hrs
Spanish 102 – Dual Credit	SPN 102 3 hrs
Psychology – Dual Credit	PSY 201 3 hrs
Music Appreciation	MUS 142 3 hrs
<b>Dual Enrollment Courses Mountwest</b>	
<b>High School Course</b>	<b>College Course Credit</b>
American Sign Language I	ASL 101 and ASL 101 LAB
Accounting I	Accounting 103
Foundations of Healthcare	AH 100
Medical Terminology	AH 151
JROTC II	MILS 101
JROTC IV	MILS 201 & Lab
Introduction to Business and Marketing	MG 101
Introduction to GIS	GSI 282
Business and Computer Applications I (CCCTC)	IT 100
<b>E.D.G.E Credit Mountwest</b>	
<b>High School Course</b>	<b>College Course Credit</b>
Foundation in Education	TS Component III: Early Childhood Education TOS
Student Learning, Development, and Diversity	TS Component III: Early Childhood Education TOS
Literacy Awareness	TS Component III: Early Childhood Education TOS
Teacher Preparation Seminar	TS Component III: Early Childhood Education TOS
Medical Terminology	AH 151

## Math Courses Available by Grade Level

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

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>Math Sequence</b>	Algebra I	Geometry	<ul style="list-style-type: none"> <li>· Algebra II</li> <li>· Financial Algebra**</li> </ul>	<ul style="list-style-type: none"> <li>· Advanced Mathematical Modeling</li> <li>· Financial Algebra**</li> <li>· Precalculus</li> <li>· Transition Mathematics for Seniors**</li> <li>· Trigonometry</li> <li>· AP Math</li> <li>· Dual Credit Math</li> </ul>
<b>8<sup>th</sup> Grade: Algebra I</b>	Geometry	Algebra II	<ul style="list-style-type: none"> <li>· Trigonometry</li> <li>· Precalculus</li> <li>· Dual Credit Math</li> <li>· AP Math</li> </ul>	<ul style="list-style-type: none"> <li>· AP Math</li> <li>· Dual Credit Math</li> </ul>

### 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. It is important to note that while Algebra I Support is appropriately counted as a mathematics credit toward graduation, this course does not address a distinctive body of knowledge, as would be the expectation of college and university admission requirements.

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

## Cabell County Dual Credit Math Options

<b>Cabell County Course</b>	<b>MU Dual Credit Course</b>	<b>Prerequisites</b>
Advanced Mathematical Modeling	Math 121B - Concepts and Applications Expanded (4 credit hours)	Any ACT or SAT Score
Trigonometry	Math 122 - Plane Trigonometry (3 credit hours)	ACT Math 22 or SAT Math 550
Precalculus	Math 127 - College Algebra Expanded (5 credit hours)	ACT Math 19 or SAT Math 500

# ATHLETIC ELIGIBILITY

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

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

### §126-26-3. Eligibility.

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

#### **Maintain a 2.0 average.**

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

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

## NCAA ELIGIBILITY REQUIREMENTS FOR STUDENT ATHLETES

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

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

<b>DIVISION I 16 Core Courses</b>	
4	years of English.
3	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
1	year of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy).

<b>DIVISION II 14 Core Courses</b>	
3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
2	years of additional English, mathematics or natural/physical science.
2	years of social science.
3	years of additional courses (from any area above, foreign language or comparative religion/philosophy).

<b>DIVISION II 16 Core Courses (2013 and After)</b>	
3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
3	years of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional courses (from any area above, foreign language or comparative religion/philosophy).



# NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



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

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

## Test Scores: (ACT/SAT)

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

## Core Grade-Point Average:

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

# NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



## Division II Initial- Eligibility Requirements

### Core Courses

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

### Test Scores

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

### Grade-Point Average

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

# Core Subject Course Descriptions

English

Math

Science

Social Studies

# English

## English 10

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Academy Codes 4010I1 4010I2 4010P1 4010P2 4010S1 4010S2

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

## English 10 Honors

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Academy Codes 4010I7 4010I8 4010P7 4010P8 4010S7 4010S8

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

**Prerequisite:** "B" or higher in English 9 Honors

## English 11

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Academy Codes 4011I1 4011I2 4011P1 4011P2 4011S1 4011S2

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

**Prerequisite:** English 10

## English 11 – Block

401100

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

**Prerequisite:** English 10

## AP English Language and Composition

40411H 40412H

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This is a college level honors course in which students will develop their craft in academic writing reading beginning with prerequisite summer reading. Students can obtain college English credit and/or advanced placement in college by successfully scoring a 3 or higher on the Advanced Placement exam for English Language and Composition.

**Prerequisite:** See AP/Honors guidelines in the front of the course book.

## English 12

401211 401221

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Academy Codes 4012I1 4012I2 4012P1 4012P2 4012S1 4012S2

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

**Prerequisite:** English 11

**English 12 – Block**

401200

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

**Prerequisite:** *English 11*

**Transition English Language Arts for Seniors**

401311

401321

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

**AP Literature and Composition**

40421H

40422H

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

**Prerequisite:** *See AP/Honors guidelines in the front of the course book.*

**English 101/102 Honors**

40125X

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

**Prerequisite:** *English 11 and a score of 18 on the English Component of the ACT*

**Technical English Language Arts**

401711

401721

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

# Math

## Geometry

Academy Codes

3062I1

3062I2

3062P1

3062P2

3062S1

9	10		
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3062S2

### BLOCK

306200

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

**Prerequisite:** *Algebra I*

## Geometry Honors

30621H

30622H

9	10		
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### BLOCK

30620H

Explore complex geometric situations and relationships, moving towards formal mathematical arguments above and beyond the scope of regular Geometry. Transformations are emphasized early in this course.

**Prerequisite:** *Algebra I with a grade of A or B*

## Algebra II

306311

306321

9	10	11	
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### BLOCK

306300

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

30631H

30632H

9	10	11	
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### BLOCK

30630H

Students will build on their work with linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, radical functions and to solving exponential equations using the properties of logarithms, above and beyond the scope of regular Algebra II.

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

## Financial Algebra

302711

302712

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### BLOCK

302700

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

**Advanced Math Modeling** 30251X 30152X 

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**Math 121B Dual Credit** **BLOCK** 302500

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

**Prerequisite:** *Algebra II*

**Trigonometry** 304811 304812 

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**BLOCK** 304800

Fourth Course Option  
 Students will expand their work with trigonometric functions and their inverses as well as trigonometric identities.

**Prerequisite:** *Algebra II*

**Trigonometry Honors** 30481X 30482X 

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**Math 122 Dual Credit** **BLOCK** 30480X

Fourth Course Option. Extends the Trigonometry content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math Score of 22 or higher verified before the first day of class. Trigonometry Honors is a requirement for students wishing to take AP Calculus.

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

**Pre-Calculus Honors** 30181X 30182X 

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**Math 127 Dual Credit** **BLOCK** 30180X

Fourth Course Option. Extends the Pre-Calculus content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math Score of 19 Math or higher verified before the first day of class.

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

**AP Calculus AB** 30311H 30312H 

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

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

30321H 30322H

		11	12
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**AP Calculus BC**

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

**Prerequisite:** *Advanced Placement Calculus AB*

**AP Statistics**

30331H 30332H

	10	11	12
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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.

**Prerequisite:** *Algebra II Honors*

**Transition Mathematics for Seniors**

305211 305221

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**BLOCK** 305200

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

## Science

**Biology**

602111 602121

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*Academy Codes* 602111 602112 6021P1 6021P2 6021S1 6021S2

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

**Biology Honors – Block**

60210H

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

**Chemistry – Block**

603100

	10	11	12
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Study of the nature of matter and the naturally existing relationships between the types of matter. Fundamental mathematical skills, concepts, and problem-solving skills are taught, along with emphasis on experimentation. This course counts as laboratory science credit for college admission and should be taken by all students planning to attend a 4-year college.

**Prerequisite:** *9th grade Earth and Space Science “B” or higher Recommended*



**Chemistry Honors – Block**

60310H

	10	11	12
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Honors level of the chemistry course for 10th/11th grade students. Topics include study of the nature of matter and the naturally existing relationships between the types of matter. Fundamental mathematical skills, concepts, and problem-solving skills are taught, along with emphasis on experimentation and application. This course will be taught at a faster pace with more in-depth assignments. This course counts as laboratory science credit for college admission and should be taken by all students planning to attend a 4-year college.

**Prerequisite:** 9th grade Earth and Space Science “B” or higher Recommended

**Environmental Science**

631211

631221

		11	12
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A lab Science course which builds on foundational knowledge of the chemical, physical, biological, geological processes and focuses on the natural world and man’s impact on it.

**Prerequisite:** Earth and Space Science, Biology Recommended

**Forensic Science**

604411

604421

		11	12
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This course will utilize skills that investigators use to solve crimes. Using physics, chemistry, biology and earth science students will engage in evidence collection to interpret and analyze data to propose a case supported by evidence.

**Prerequisite:** Earth and Space Science, Biology

**Forensic Science Honors**

60441H

60442H

		11	12
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This course will utilize skills that investigators use to solve crimes. Using physics, chemistry, biology and earth science students will engage in evidence collection to interpret and analyze data to engage in real crimes. Students will be expected work in a class that is project based where they will model real crimes.

**Prerequisites:** Biology Honors, Chemistry Honors Recommended

**Human Anatomy and Physiology**

610311

610321

		11	12
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**BLOCK** 610300

Counts as a laboratory science credit for college admission. This is a suggested 4th course for students interested in health occupations.

**Prerequisite:** Biology, Chemistry Recommended

**Human Anatomy and Physiology Honors**

61031H

61032H

		11	12
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**BLOCK** 61030H

Counts as a laboratory science credit for college admission. This is a suggested 4th course for students interested in health occupations.

**Prerequisite:** Biology Honors B or higher, Chemistry Honors B or higher Recommended

**Physics Honors Block**

60410H

		11	12
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This course is intended for students planning on becoming college science majors. Topics includes concepts and experimentation in measurement, motion, forces, fluids/pressure, heat, and thermodynamics. This course counts as laboratory science credit for college admission.

**Prerequisite:** *Algebra II, Trigonometry Recommended*

**AP Biology**

61211H

61212H

		11	12
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AP Biology is equivalent to introductory college biology for science and health care majors. Topics include biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, ecology, plants, animals, and taxonomy. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.

**Prerequisite:** *Biology with a "B" or higher Recommended*

**AP Chemistry**

63211H

63212H

		11	12
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AP Chemistry is equivalent to introductory college chemistry for science and health care majors. Topics include atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.

**Prerequisite:** *Chemistry with a "B" or higher Recommended*

**AP Environmental Science**

62211H

62212H

		11	12
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AP Environmental Science is equivalent to introductory college environmental science. This course provides students with the principles, concepts and methodologies to understand the interrelationships of the natural world, and identify and analyze environmental problems both natural and man-made. Meets every day for 45 minutes for one credit. This course counts as laboratory science credit for college admission.

**Prerequisite:** *Chemistry/ Biology Recommended*

**AP Physics B – Block**

63230H

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

**Prerequisite:** *Algebra II, Trigonometry Recommended*

**BSC 104 College Biology**

61611X

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**Dual Credit for the Non-Science Major**

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

**Prerequisite:** *3.0 GPA*

## BSC 105 College Biology

61610X

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### Dual Credit for the Non-Science Major

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

**Prerequisite:** 3.0 GPA

# Social Studies

## US Studies

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*Academy Codes* 700911 700912 7009P1 7009P2 7009S1 7009S2

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

## US Studies Honors

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*Academy Codes* 700917 700918 7009P7 7009P8 7009S7 7009S8

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

## AP United States History

70461H 70462H

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

## Contemporary Studies

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*Academy Codes* 701111 701112 7011P1 7011P2 7011S1 7011S2

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

**History 103 Dual Credit**

70111X 70112X

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**The World Since 1850 Contemporary Studies**

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

**Prerequisite:** 3.0 GPA**Civics for Next Generation***Academy Codes*

703111

703112

7031P1

7031P2

7031S1

7031S2

**BLOCK**

703100

			12
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Designed as a culminating history class that fosters informed citizens essential to the perpetuation of the American Republic.

**Psychology****732111****732121**

	10	11	12
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Includes the study of human behavior in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, disturbance and breakdown. Some outside research is required. This course is an introduction to the scientific study of behavior and mental processes. This class is designed for students who have taken US Studies – Comprehensive OR as an elective course.

**AP Micro/Macro Economics**

703911

704021

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

**AP European History**

70451H

70452H

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

**AP Psychology**

70471H

70472H

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

**AP United States Government and Politics**

70441H

70442H

			12
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Analytically evaluate how people behave politically. Interpret American politics and how government helps to shape public policy. Covers the design of America's political system, its structure, and how individual and group interests combine, each promoting its own agenda. **ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT.** May be substituted for Civics for Next Generation. May be taken as a substitute for Civics.

# College and Career Academies

*Integrating your passion with the practicality of education...*

## Preparing you for the real world

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

## Academic and Career Academies

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

## Course Selection

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

# Cabell Midland High School College and Career Academies

## *Agriscience and STEM Academy*

Programs of Study: Air Force JROTC      Animal Systems  
Agribusiness      Engineering  
Agricultural Mechanics      Plant Systems

## *Human and Public Services Academy*

Programs of Study: Broadcast Journalism      Culinary Arts  
Careers in Education

## *Health Sciences and Wellness Academy*

Programs of Study: Patient Care Technician      Pharmacy Technician  
Sports Medicine      Health Informatics  
Weight Conditioning      Personal Fitness and Wellness  
Electrocardiograph Technician and Phlebotomy Skills

# **Agriscience and STEM Academy**

**4-year plans  
and  
Academy Elective  
Course Descriptions**



# *Agriscience and STEM Academy*

Agriscience and STEM Academy:

## **Air Force JROTC**

*Sample: 4-Year Plan*

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

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

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

- AFJROTC II is Dual Enrollment Course with Mount West Community and Technical College MILS 101
- AFJROTC IV is a Dual Enrollment course with Mount West Community and Technical College MILS 201 and LAB
- NOCTI Workforce Ready

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

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

# Agriscience and STEM Academy

Agriscience and STEM Academy:				
<b>Agribusiness</b>			<i>Sample: 4-Year Plan</i>	
The Agribusiness Program of Study focuses on entrepreneurial and technical skills in the broad spectrum of Agriculture, Food, and Natural Resources. Students can choose 1 of 3 Specializations in which to develop business management and marketing knowledge.				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Introduction to Agriculture	Science of Agriculture	Select (1) Specialization: <ul style="list-style-type: none"> <li>Horticulture</li> <li>Animal Production Management</li> <li>Fundamentals of Agriculture Mechanics</li> </ul>	
			Agriculture Experience Program*	
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended: Foreign Language I</i>	<i>Elective or for College Readiness Recommended: Foreign Language II</i>	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>		<ul style="list-style-type: none"> <li>NOCTI: Production Agriculture</li> </ul> <p>*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.</p>		

# *Agriscience and STEM Academy*

Agriscience and STEM Academy:				
<b>Agricultural Mechanics</b>			<i>Sample: 4-Year Plan</i>	
The Agricultural Mechanics Program of Study focuses on the principles of operation and maintenance of mechanical equipment, welding fabrications, plumbing, electrical wiring, power utilization and the entrepreneurship.				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Introduction to Agriculture	Fundamentals of Agriculture Mechanics	Agriculture Equipment and Repair	Elective
Agriculture Experience Program*				
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended: Foreign Language I</i>	<i>Elective or for College Readiness Recommended: Foreign Language II</i>	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>• NOCTI: Agriculture Mechanics</li> </ul> <p>*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.</p>			

# Agriscience and STEM Academy

Agriscience and STEM Academy:				
<b>Animal Systems</b>			<i>Sample: 4-Year Plan</i>	
The Animal Systems Program of Study focuses on the advanced knowledge of veterinary science. The understanding of breeds, animal health, nutrition, training, reproduction and anatomy of small domestic animals such as; dogs, cats, birds, rabbits, fish and other pets. Students will care for and handle a variety of animals daily.				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Introduction to Agriculture	Animal Production and Management	Select (1) Specialization: <ul style="list-style-type: none"> <li>Companion Animal Care</li> <li>Aquaculture</li> </ul>	
		Agriculture Experience Program*		
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended: Foreign Language I</i>	<i>Elective or for College Readiness Recommended: Foreign Language II</i>	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>Companion Animal Care is a Dual Enrollment Course with Mount West Community and Technical College – VET 101: Introduction to Veterinary Science</li> <li>NOCTI: Animal Systems</li> </ul> <p style="font-size: small; margin-top: 10px;">*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.</p>			

# *Agriscience and STEM Academy*

Agriscience and STEM Academy:				
<b>Plant Systems</b>			<i>Sample: 4-Year Plan</i>	
<p>The Plant Systems Program of Study focuses on entrepreneurial and technical skills in the areas of plant science, greenhouse management and production and floriculture. Students will experience hands-on learning through our student operated CMHS Greenhouse and by creating floral arrangements and centerpieces for banquets hosted at Cabell Midland.</p>				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Introduction to Agriculture	Horticulture	Select (1) Specialization: <ul style="list-style-type: none"> <li>• Greenhouse Production and Management</li> <li>• Floriculture**</li> </ul>	
			Agriculture Experience Program*	
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended: Foreign Language I</i>	<i>Elective or for College Readiness Recommended: Foreign Language II</i>	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>• NOCTI: Workplace Readiness</li> </ul> <p>*Agriculture Experience Program: Students shall Receive ½ credit per academic year based upon the successful completion of approved SAE and submission of approved documentation. Two years must be completed to meet requirement.</p> <p>**Floriculture fulfills the Fine Art Credit required for graduation</p>			

# Agriscience and STEM Academy

Agriscience and STEM Academy:

## Engineering - Project Lead the Way

*Sample: 4-Year Plan*

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

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

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

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

\*Principles of Engineering course fulfills the Graduation Requirement for a 3<sup>rd</sup> Science Credit

# Agriscience and STEM Electives

## Agriscience

### **Introduction to Agriculture, Food and Natural Resources**

0101E1

0101E2

9	10	11	12
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The introductory course to all Agriscience programs. Designed for students who have an interest in and wish to incorporate basic skills in agriscience and/or agribusiness.

### **The Science of Agriculture**

0102E1

0102E2

	10	11	12
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Designed to enable students to further develop leadership skills, and record keeping during their Supervised Agricultural Experiences. FFA membership is recommended.

*Prerequisite: Introduction to Agriculture, Food and Natural Resources*

### **Agricultural Experience Program**

013411

013421

	10	11	12
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Students shall receive 0.5 credit per academic year based on completion of approved SAE and submission documentation.

## Agriscience Specializations

### **Agriculture Equipment and Repair**

0114E1

0114E2

	10	11	12
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Builds on principles of the previous course and provides more in-depth knowledge and skills as they relate to energy sources, lubricants, service and maintenance of machinery and equipment, and equipment operation.

*Prerequisite: Fundamentals of Agriculture Mechanics*

### **Animal Production and Management**

0140E1

0140E2

	10	11	12
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Designed to give students the advanced knowledge of veterinary science, which includes the study of large farm animals.

*Prerequisite: Introduction to Agriculture, Food and Natural Resources*

# Agriscience and STEM Electives

## Aquaculture

0140E1 0141E2 

	10	11	12
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Designed to provide experiential knowledge, skills and entrepreneurial competencies needed to enter various occupations in aquaculture and other scientific fields within aquaculture. Supervised Agricultural Experience is required and FFA membership is recommended.

*Prerequisite: Introduction to Agriculture, Food and Natural Resources*

## Companion Animal Care

0149E1 0149E2 

9	10	11	12
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Contains the ever-growing popularity of small domestic animals (dogs, cats, birds, fish, and other pets) and their care. Supervised Agricultural Experience is required. FFA membership is recommended.

## Fish and Wildlife Management

0190E1 0190E2 

	10	11	12
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Designed to provide instruction and training in the areas of leadership, history of fish and wildlife, wildlife management concepts, water quality, habitat management, life history and wildlife values as a natural resource. Supervised agricultural experience is required. FFA membership is recommended.

*Prerequisite: Introduction to Agriculture, Food and Natural Resources*

## Floriculture

0213E1 0213E2 

9	10	11	12
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Basic principles of floral design. Supervised Agricultural experience is required. FFA is recommended. Satisfies the graduation requirement of a Fine Art Credit.

## Fundamentals of Agriculture Mechanics

0112E1 0112E2 

	10	11	12
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Applying physical science principles and principles of operation and maintenance to mechanical equipment, welding and fabrication, structures, plumbing, electrical wiring, power utilization, and entrepreneurship. FFA membership is recommended.

*Prerequisite: Introduction to Agriculture, Food and Natural Resources*



# *Agriscience and STEM Electives*

**Greenhouse Production and Management** 0214E1 0214E2 

	10	11	12
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Designed to provide both college- bound and work bound students with the basic skills and knowledge needed in the greenhouse management industry.

*Prerequisite:* Introduction to Agriculture, Food and Natural Resources

**Horticulture** 0212E1 0212E2 

	10	11	12
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Concentrates on students receiving practical hands-on experience with principles and practices of field greenhouse production. Supervised Agriculture Experience is required. FFA membership is recommended.

*Prerequisite:* Introduction to Agriculture, Food and Natural Resources

## **Aerospace Science - AFJROTC**

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

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

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

**AFJROTC I** 106511 106521 

9	10	11	12
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Covers the role of the military and the evolution and importance of air power in the history of the United States as well as the general defense structure of the United States, including the organization and mission of the US Air Force.

**AFJROTC II** 106611 106621 

	10	11	12
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Designed to familiarize students with the aerospace environment, the principles of flights and navigation, and human limitations of flight.

**Prerequisite:** *AFROTC I*

**AFJROTC III** 108011 108021 

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

**Prerequisite:** *AFROTC II*

**AFJROTC IV** 108111 108121 

			12
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Participate in the management of the cadet corps and study careers available in the civilian and military aerospace communities.

## Engineering

**Introduction to Engineering Design** 246111 246121 

9	10	11	12
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Teaches problem solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer software.

**Principles of Engineering** 246311 246321 

	10	11	12
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Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people.

**Prerequisite:** *Introduction to Engineering Design*

**Digital Electronics**

246211

246221

		11	12
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Teaches applied logic through work with electronic circuitry, which students also construct and test for functionality.

*Prerequisite: Introduction to Engineering and Principles of Engineering*

**Civil Engineering and Architecture**

246611

246621

		11	12
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Provides and Overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other.

*Prerequisite: Introduction to Engineering and Principles of Engineering*

# **Health Science and Wellness Academy**

**4-year Plans  
and  
Academy Elective  
Course Descriptions**

# Health Sciences and Wellness Academy

Health Science and Wellness Academy:

## Electrocardiograph Tech and Phlebotomy Skills

Sample: 4-Year Plan

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

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

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

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

- *Foundations of Health Science* is a Dual Enrollment course with Mount West Community and Technical College for *AH100 Careers in Healthcare*.
- *Medical Terminology* is a Dual Enrollment course with Mount West Community and Technical College for *AH151 Medical Terminology*.
- CPR/AED Healthcare Provider Certification
- First Aid Certification
- OSHA 10 Certification
- Preventing Disease Transmission Certification
- Electrocardiograph and Phlebotomy Technician Certifications
- NOCTI: Healthcare Core

# Health Sciences and Wellness Academy

Health Science and Wellness Academy:

## Health Informatics

Sample: 4-Year Plan

The Health Informatics Pathway prepares the student for occupations or functions that document client care, analyze data and improve healthcare. Included is competency-based applied learning that contributes to the academic knowledge need for all aspects of Health Science occupations and to continue in post-secondary programs.

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

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

<p><b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b></p>	<ul style="list-style-type: none"> <li>• <i>Foundations of Health Science</i> is a Dual Enrollment course with Mount West Community and Technical College for <i>AH100 Careers in Healthcare</i>.</li> <li>• <i>Medical Terminology</i> is a Dual Enrollment course with Mount West Community and Technical College for <i>AH151 Medical Terminology</i>.</li> <li>• CPR/AED Healthcare Provider Certification</li> <li>• First Aid Certification</li> <li>• OSHA 10 Certification</li> <li>• Preventing Disease Transmission Certification</li> <li>• Electronic Health Record Specialist Certification</li> <li>• NOCTI: Health Informatics</li> </ul>
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# Health Sciences and Wellness Academy

Health Science and Wellness Academy:				
<b>Patient Care Tech</b>			<i>Sample: 4-Year Plan</i>	
<p>The Patient Care Technician Program of Study allows students to explore various careers in Health Care, as well as the foundations in medical terminology, nutrition, and health maintenance practices. The curriculum of this program is focused on learning and practicing the knowledge, skills and techniques to address the basic care and needs of patients in a health care facility. Students will take part in a clinical rotation at local hospitals and nursing homes.</p>				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
English	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
Social Studies	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
Math	Algebra I	Geometry	Algebra II	Additional Math Course
Science	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
Academy Electives	Foundations of Health Science*	Advanced Principles of Health Science*	Medical Terminology	Clinical Specialties I
PE/Health/ Fine Art	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Clinical Specialties II
Elective/ Foreign Language	<i>Elective or for College Readiness Recommended: Foreign Language I</i>	<i>Elective or for College Readiness Recommended: Foreign Language II</i>	Elective	Elective
<p>*Admission to Advanced Principles of Health Science requires a minimum course completion score of 80% in Foundations of Health Science.</p>				
<p><b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b></p>		<ul style="list-style-type: none"> <li>• <i>Foundations of Health Science</i> is a Dual Enrollment course with Mount West Community and Technical College for <i>AH100 Careers in Healthcare</i>.</li> <li>• <i>Medical Terminology</i> is a Dual Enrollment course with Mount West Community and Technical College for <i>AH151 Medical Terminology</i>.</li> <li>• CPR/AED Healthcare Provider Certification</li> <li>• First Aid Certification</li> <li>• OSHA 10 Certification</li> <li>• Preventing Disease Transmission Certification</li> <li>• Patient Care Technician Certification</li> <li>• NOCTI: Healthcare Core</li> </ul>		

# Health Sciences and Wellness Academy

Health Science and Wellness Academy:

## Pharmacy Technician

Sample: 4-Year Plan

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

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

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

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

- *Foundations of Health Science* is a Dual Enrollment course with Mount West Community and Technical College for *AH100 Careers in Healthcare*.
- *Medical Terminology* is a Dual Enrollment course with Mount West Community and Technical College for *AH151 Medical Terminology*.
- CPR/AED Healthcare Provider Certification
- First Aid Certification
- OSHA 10 Certification
- Preventing Disease Transmission Certification
- Pharmacy Technician Certification
- NOCTI: Healthcare Core



# Health Sciences and Wellness Academy

Health Science and Wellness Academy:

## Personal Fitness and Wellness Training

Sample: 4-Year Plan

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

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

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

- CPR/AED Healthcare Provider Certification
- First Aid Certification
- OSHA 10 Certification
- American Fitness Professionals and Association Certification
- NOCTI: Workplace Readiness

# Health Sciences and Wellness Academy

Health Science and Wellness Academy: <b>Weight Conditioning</b> <span style="float: right;"><i>Sample: 4-Year Plan</i></span>				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Human Anatomy	Chemistry OR Additional Lab Science
<b>Academy Electives</b>	Weight Conditioning I	Weight Conditioning II	Weight Conditioning III	Elective
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended: Foreign Language I</i>	<i>Elective or for College Readiness Recommended: Foreign Language II</i>	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>• CPR/AED Healthcare Provider Certification</li> <li>• First Aid Certification</li> </ul>			

# Health Sciences and Wellness Academy

## Health Science and Wellness Academy:

### Sports Medicine

Sample: 4-Year Plan

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

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

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

- CPR/AED Healthcare Provider Certification
- First Aid Certification



# Health Sciences and Wellness Electives

## Health Informatics

### Introduction to Health Informatics

0769E1

0769E2

		11	12
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This course is designed to study the field of information science concerned with the management of all aspects of health data and information through the application of computers and computer technologies.

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

## Patient Care Technician

### Clinical Specialty I - Block

0789E0

			12
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Students who have selected to go into the Patient Care Technician Program of Study, will study the duties, responsibilities and legal regulations of the profession. During this course the student must complete a minimum of 25-55 off-campus clinical rotation. FALL SEMESTER

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

### Clinical Specialty II - Block

0790E0

			12
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Follows Clinical Specialty I. Students will complete the clinical hours at their off-campus clinical rotation that are required to sit for the National Certification Exam. Due to healthcare industry standards, exemplary attendance is mandatory. SPRING SEMESTER

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

# Health Sciences and Wellness Electives

## Pharmacy Technician

### PTCB Preparation - Block

0771E0

			12
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Prepares students to participate in a clinical internship the following semester in PCTB Clinical Applications. FALL SEMESTER

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

### PTCB Clinical Application - Block

0772E0

			12
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Participate in a clinical internship, applying the knowledge and skills mastered during the PTCB Preparation course.

**Prerequisite:** *At least an 80% in PTCB Preparation*

## Personal Fitness and Wellness Training

### Fitness and Conditioning

105111

105121

9	10	11	12
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### (Foundations of Wellness)

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

**Prerequisite:** *High School Health*

## Sports Medicine

### Sports Medicine I

675011

675021

9	10	11	12
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Designed to teach students components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sport psychology, and performance enhancement philosophies.

**Prerequisite:** *High School Health*

# Health Sciences and Wellness Electives

**Sports Medicine II** 675111 675112 

	10	11	12
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Designed to expand on Sports Medicine I. This course has a concentration in tissue response to injury and advanced CPR. There are a minimum of 30 hours of clinical experience in which students personally observe a qualified individual participating in the sports medicine profession.

**Prerequisite:** *Sports Medicine I*

**Sports Medicine III** 675211 675212 

		11	12
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Further expands the clinical learning experience of Sports Medicine II. This course has a concentration in tissue response to injury and advanced CPR. Students must complete a minimum of 30 hours of clinical experience.

**Prerequisite:** *Sports Medicine I and Sports Medicine II*

## Weight Conditioning

**Weight Conditioning I** 676511 676521 

	10	11	12
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**BLOCK** 676500

Students will learn and practice proper weightlifting techniques.

**Prerequisite:** *High School Physical Education*

**Weight Training II** 676611 676621 

	10	11	12
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**BLOCK** 676600

Students will learn and practice proper weightlifting techniques.

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

**Weight Training III** 676711 676721 

	10	11	12
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**BLOCK** 676700

Students will learn and practice proper weightlifting techniques.

**Prerequisite:** *High School PE & Weight training II*

# **Human and Public Services Academy**

**4-year plans  
and  
Academy Elective  
Course Descriptions**



# Human and Public Services Academy

Human and Public Service Academy:				
<b>Broadcast Journalism</b>			<i>Sample: 4-Year Plan</i>	
<p>The Broadcasting Journalism concentration focuses on the journalism industries of both television and radio. Students obtain skills to work in program production, news-related technical writing, sales, and use video editing software such as Final Cut Pro X and Adobe Premier Elements. Students incorporate these skills to develop our daily CMHS KNYT NEWS program.</p>				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Journalism I	Mass Communications I - Multi-media Production	Mass Communications II - Multi-media Production	Select One: <ul style="list-style-type: none"> <li>• Communications 103</li> <li>• Yearbook</li> <li>• Newspaper</li> </ul>
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended:</i> Foreign Language I	<i>Elective or for College Readiness Recommended:</i> Foreign Language II	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>• Communications 103 is a Dual Credit course with Marshall University</li> </ul>			

# Human and Public Services Academy

Human and Public Service Academy:				
<b>Culinary Arts</b>			<i>Sample: 4-Year Plan</i>	
<p>The Culinary Arts Program of Study curriculum uses performance-based learning to develop and incorporate culinary skills. Restaurant management and guest service skills are also developed through our student led Camelot Café, which regularly prepares a menu for our staff to order lunch at school or dinner to take home during the week. Students will also participate in several culinary competitions around the state as well as work with local restaurant chefs, managers and owners.</p>				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Restaurant and Culinary Foundations	Restaurant Management Essentials	Advanced Principles in Food Production	Restaurant Professional
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended:</i> Foreign Language I	<i>Elective or for College Readiness Recommended:</i> Foreign Language II	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>• ServSafe Certification for Managers</li> <li>• ProStart Certificate of Achievement</li> <li>• American Culinary Federation (ACF) Certified Fundamentals Cook (CFC)</li> <li>• ServSafe Food Handler Certificate</li> <li>• NOCTI – ACF Culinary Arts Certification</li> </ul>			

# Human and Public Services Academy

Human and Public Service Academy:				
<b>Careers in Education</b>		<i>Sample: 4-Year Plan</i>		
<p>The Early Childhood Education Program of Study focuses on the knowledge, skills, attitudes and practices of early childhood development. Emphasis is placed on the integration of all aspects of development into best practices for nurturing children from birth through age 8. Students will have several opportunities to visit local elementary schools and childcare facilities to observe and work with children through age appropriate activities.</p>				
Subject	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English 9	English 10	English 11, AP English Language	English 12, AP English Literature, Dual Credit English 101/102
<b>Social Studies</b>	World Studies	US Studies, AP U.S. History	Contemporary Studies	Civics, AP US Government
<b>Math</b>	Algebra I	Geometry	Algebra II	Additional Math Course
<b>Science</b>	Earth Space Science	Biology, AP Biology	Chemistry OR Additional Lab Science	Additional Lab Science
<b>Academy Electives</b>	Foundation in Education	Student Learning, Development, and Diversity	Literacy Awareness	Teacher Preparation Seminar
<b>PE/Health/ Fine Art</b>	Physical Education OR Health	Physical Education OR Health	FINE ART (1 credit)	Elective
<b>Elective/ Foreign Language</b>	<i>Elective or for College Readiness Recommended:</i> Foreign Language I	<i>Elective or for College Readiness Recommended:</i> Foreign Language II	Elective	Elective
<b>Upon Successful Completion of this 4-year plan students will earn a high school diploma AND...</b>	<ul style="list-style-type: none"> <li>• Early Childhood Classroom Assistant Teacher (ECCAT) Apprenticeship for Child Development Specialist</li> <li>• Child Development Associate (CDA)</li> <li>• First Aid</li> <li>• CPR/AED for Professional Rescuers and Healthcare Providers</li> <li>• NOCTI – Early Childhood Education and Care – Advanced</li> <li>• Early Childhood Education IV Honors is a Dual Enrollment Course with Marshall University for ECE 101.</li> </ul>			

# Human and Public Services Electives

## Broadcast Journalism

**Journalism I** 405111 405121 

9	10	11	12
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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 I –Multi-Media Production** 415711 415721 

9	10	11	12
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This course is designed to give students the opportunity for practical, hands-on experience in front of the television cameras and also to learn the basic production techniques needed for television.

**Prerequisite:** *Journalism*

**Mass Communication II – Multi-Media Production** 415811 415821 

	10	11	12
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This course is designed to give students extended experience in front of the camera and to expand training in the use of studio equipment with the emphasis placed upon the portable equipment. As a team, the students will cooperatively write, produce, and present multiple videos for the school and announcements for the student body.

**Prerequisites:** *Journalism and Mass Communications I*

**Newspaper** 406611 406621 

	10	11	12
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Students will study Journalistic styles and assume positions of responsibility on the school newspaper's reporting staff, performing duties as outlined in the staff guidelines.

**Prerequisite:** *Journalism I*

**Yearbook** 407111 407121 

	10	11	12
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Students who are assuming a position on yearbook's editorial board are eligible for this course. Students will perform specific duties outlined in the Yearbook Staff Guidelines.

**Prerequisite:** *Journalism I*

# Human and Public Services Electives

## Speech and Oral Communications

407611

407621

9	10	11	12
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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.

## Communications 103 - BLOCK

41680X

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### Dual Credit

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

## Careers in Education

### Foundation in Education

1301E1 1301E2

9	10	11	12
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This course is designed to introduce the history, development, organization, and practices of preschool, elementary and secondary education. Students will participate in field experiences at local elementary, middle and high schools. Students also gain the professional or skilled knowledge and skills necessary to begin a career in education.

### Student Learning, Development, and Diversity

1302E1 1302E2

9	10	11	12
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This course is designed to focus on the various physical, cognitive, social, emotional and moral development, environments and social institutions, family life demographics, and culture influencing human growth and development.

### Literacy Awareness - BLOCK

1008E0

9	10	11	12
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Continues the study of the developing child. Students cannot miss more than 10 days to receive Early Childhood education certification.

**Prerequisite:** *Minimum "C" in Early Childhood Education II*

# Human and Public Services Electives

## Teacher Preparation Seminar

1009EH

9	10	11	12
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### BLOCK

Continues the study of the developing child. Students cannot miss more than 10 days to receive Early Childhood education certification.

**Prerequisite:** *Minimum "C" in Early Childhood Education III*

## Culinary Arts

### Restaurant and Culinary Foundations -

1013E0

	10	11	12
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### BLOCK

Focuses on the basic preparation and service of safe food, basic introduction to industry safety, standards, restaurant equipment, kitchen essentials in knife skills, stocks and sauces.

**Prerequisite:** *Food Preparation*

### Restaurant Management Essentials -

1014E0

	10	11	12
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### BLOCK

Designed to focus management essentials in the restaurant industry, guest service, food production, and career exploration and pursuit.

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

### Advanced Principles in Food Production

1019E0

	10	11	12
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### BLOCK

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

### The Restaurant Professional – Block

1020E0

	10	11	12
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Designed to provide content related to global cuisine, sustainability, desserts and baked goods, and marketing

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

# Global Electives and Course Descriptions

Health and PE

Drivers Ed

Advanced Placement Courses

College Dual Enrollment Courses

World Languages

Fine Arts

Career Interest Electives

# Global Electives

These electives are available to students in all Academies

Health/PE/Drivers Ed		English
Health		Creative Writing
Physical Education		Debate I
Leisure and Recreation Sports		Library Science
Life Fitness		Mythology
Driver's Ed (only with driver's permit)		AP Literature and Composition
Math		AP Language and Composition
ACT/SAT Prep		English 101/201 Honors
Advanced Math Modeling Math 121B		Science
Trigonometry Honors Math 122		Science Olympiad
Pre-Calculus Honors Math 127		Introduction to Geospatial Info Systems
AP Calculus AB		Forensic Science
AP Calculus BC		Forensic Science Honors
AP Computer Science A *		AP Biology
Computer Science and Mathematics*		AP Chemistry
*Counts as math, elective credit if taught by math teacher		AP Environmental Science
		AP Physics B
		BSC 104 College Biology
		BSC 105 College Biology
Social Studies		World Languages
Criminal Law	AP Human Geography	American Sign Language I, II, III, IV
Economics	AP World History	Spanish I, II, III H, IV H, AP
Geography	AP Economics	Spanish 101/102
Law Studies	AP European History	
Psychology	AP Psychology	
Sociology	AP US Government	
History 103	Psychology 201	
Contemporary Studies		
Fine Arts		
<i>Band</i>	<i>Hand Bells</i>	<i>Visual Arts</i>
Beginner Band	Hand Bells I	Art I
Concert Band I, II, III, IV	<i>Orchestra</i>	<i>Ceramics and 3D Design</i>
Instrumental Music	Beginning Strings	Ceramics and Pottery I, II, III
Jazz Band	Orchestra I, II, III, IVH	Sculpture – 3D Design
Marching Band	<i>Piano</i>	<i>Digital Art Photography</i>
Percussion Ensemble	Piano I, II, III, IV	Digital Photo I, II, III
Wind Ensemble	<i>Theater</i>	<i>Drawing</i>
Wind Ensemble Honors	Set Design and Construction	Drawing I, II,
<i>Choral Performance Ensembles</i>	Stage Craft I, II	<i>Painting</i>
Chorus I, II, III, IV	Theater I, II, III, IV	Painting I, II
Collegium Musicum	<i>Music Appreciation</i>	<i>Printmaking</i>
Collegium Musicum Honors	Music and History Literature	Studio Printmaking
Show Choir I, II, III IVH	Music Theory Honors	AP Studio Art
<i>Dance</i>	AP Music Theory	
Dance I, II, III, IV	<i>Agriculture</i>	AP Art History
<i>Guitar</i>	Floriculture	
Guitar I, II, III, IV		



# Global Electives

These electives are available to students in all Academies

<b>Career Interest Electives</b>		
<b><i>Agriscience</i></b>	<b><i>Culinary</i></b>	<b><i>Human Services</i></b>
Introduction to Ag, Food and Natural Resources	Baking and Pastry	Foundation in Education
Companion Animal Care	Food Preparation	Parenting and Strong Families
Floriculture	<b><i>Engineering</i></b>	<b><i>Journalism</i></b>
	Intro to Engineering Design	Mass Communications I
<b><i>Air Force JROTC</i></b>	<b><i>Fitness and Wellness</i></b>	Journalism I
Air Force JROTC I	Fitness and Conditioning	Newspaper
	Weight Conditioning I	Speech and Oral Communications
	<b><i>Health Sciences</i></b>	Yearbook
<b><i>Computer Science</i></b>	Foundations of Health Science	Communications 103
AP Computer Science Principles	Body Structures and Functions	
AP Computer Science A	Medical Terminology	
Computer Science and Mathematics	Sports Medicine I	

**Note: AP – Advanced Placement**

# Health and PE

## High School Health

690911

690621

9	10	11	12
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Develops knowledge, attitudes, values, and skills concerning issues of particular concern during adolescence which impact personal health and wellness

## High School Physical Education

660911

660921

9	10	11	12
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Required for graduation, recommended for 9<sup>th</sup> and 10<sup>th</sup> grade students, and must be completed before enrollment in a physical education elective.

## Fitness and Conditioning

105111

105121

9	10	11	12
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### (Foundations of Wellness)

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

**Prerequisite:** *High School Health*

## Leisure and Recreation Sports

674111

674121

	10	11	12
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Designed to give students knowledge, experience, skill and appreciation for recreational activities as well as a variety of life time skills. Units of study include; archery, badminton, Frisbee, golf, pickle ball, racquetball, roller hockey and, tennis.

**Prerequisite:** *High School Physical Education*

## Life Fitness

673311

673321

	10	11	12
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Develop a personal fitness program. This personalized program will include aspects of the Wellness Center, Xertubes, slides, step aerobics, and aerobic exercise, the students will also be involved in a study of nutrition and diet analysis.

**Prerequisite:** *High School Physical Education*

# Driver Education

## Driver Education

681151

681152

			12
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This course consists of fifty (50) hours of classroom instruction; and ten hours of in-car observation and six hours of behind the wheel laboratory instruction. The Driver Education course develops the knowledge, attitudes, habits and skills necessary for the safe operation of motor vehicles. For a student to receive a "West Virginia High School Driver Education Certificate" at the end of the semester, the following criteria must be met: (1) The student must achieve a standard grade of "C"

**Prerequisite:** *No more than 5 unexcused absences prior year*

# English

## Creative Writing

402211

402221

9	10	11	12
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This course is designed for 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.

## Debate I

413011

413021

9	10	11	12
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Students will learn the fundamentals of argumentation by research and discussion. Students will learn to create briefs and debate resolutions in team style. Membership on the debate team is not required.

## Library Science

591111

591121

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This course involves practical experience in the library. Students are trained to use both paper and computer resources to help other students.

**Prerequisite:** *Permission from Media Specialist*

## Mythology

413711

413721

9	10	11	12
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Mythology introduces students of any grade to the basic concepts from Greek, Roman, Nordic, and Asian Literature. Emphasis is placed upon major myths of classical Greece and Rome.

**AP English Language and Composition**      40411H      40412H      

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This is a college level honors course in which students will develop their craft in academic writing reading beginning with prerequisite summer reading. Students can obtain college English credit and/or advanced placement in college by successfully scoring a 3 or higher on the Advanced Placement exam for English Language and Composition.

*Prerequisite:*      See AP/Honors guidelines in the front of the course book.

**AP Literature and Composition**      40421H      40422H      

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

*Prerequisite:*      See AP/Honors guidelines in the front of the course book.

**English 101/201 Honors**      40125X      

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

*Prerequisite:*      English 11 and a score of 18 on the English Component of the ACT

**Communications 103 - Block**      41680X      

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**Dual Credit**

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

# Math

## ACT/SAT Prep

766151      766152

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

## Advanced Math Modeling

30251X      30252X

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### Math 121B Dual Credit

**BLOCK**      30250X

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

**Prerequisite:**      *Algebra II*

## Trigonometry Honors

30481X      30482X

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### Math 122 Dual Credit

**BLOCK**      30480X

Fourth Course Option. Extends the Trigonometry content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math Score of 22 or higher verified before the first day of class. Trigonometry Honors is a requirement for students wishing to take AP Calculus.

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

## Pre-Calculus Honors

30181X      30462X

	10	11	12
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### Math 127 Dual Credit

**BLOCK**      30180X

Fourth Course Option. Extends the Pre-Calculus content above the College and Career readiness standards for students planning on entering a STEM career. Must have an ACT Math Score of 19 Math or higher verified before the first day of class.

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

**AP Calculus AB**

30311H

30312H

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

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

**AP Calculus BC**

30321H

30322H

		11	12
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This course is a continuation of AP Calculus AB. It includes more applications of differentials, convergence, and divergence. Students are required to take the AP Calculus BC exam at the end of this course.

**Prerequisite:** *Advanced Placement Calculus AB*

**AP Statistics**

30331H

30332H

		11	12
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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.

**Prerequisite:** *Algebra II Honors*

# Science

## Science Olympiad

78811 78812

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

**This is an elective course.**

## Introduction to Geospatial Information Systems

772211 772212

	10	11	12
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Introduction to Geospatial Information System (GIS) for capturing, storing, checking and displaying data related to the Earth's surface. Investigate the use of drones. Dual Credit Course with Mountwest Community and Technical College. **This is an elective course.**

## AP Biology

61211H 61212H

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

**Prerequisite:** *Biology with a "B" or higher Recommended*

## AP Chemistry

63211H 63212H

		11	12
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AP Chemistry is equivalent to introductory college chemistry for science and health care majors. Topics include atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission.

**Prerequisite:** *Chemistry with a "B" or higher Recommended*

## AP Environmental Science

62211H 62212H

		11	12
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AP Environmental Science is equivalent to introductory college environmental science. This course provides students with the principles, concepts and methodologies to understand the interrelationships of the natural world, and identify and analyze environmental problems both natural and man-made. Meets every day for 45 minutes for one credit. This course counts as laboratory science credit for college admission.

**Prerequisite:** *Chemistry/ Biology Recommended*

**AP Physics B – Block**

63230H

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

**Prerequisite:** *Algebra II, Trigonometry Recommended*

**BSC 104 College Biology**

61611X

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**Dual Credit for the Non-Science Major**

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

**Prerequisite:** *3.0 GPA*

**BSC 105 College Biology**

61610X

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**Dual Credit for the Non-Science Major**

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

**Prerequisite:** *3.0 GPA*

## Social Studies

**Criminal Law**

710111

710121

	10	11	12
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Experience with application of laws to our criminal justice system. Emphasis is centered on laws regarding prosecution and defense of criminals.

**Economics**

703211

703221

	10	11	12
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Designed to give students a thorough understanding of the principle of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. This course will enable students to reason logically about key economic issues that affect their lives as consumers, workers, and citizens. This class is designed for students who have taken US Studies – Comprehensive OR as an elective course.



**Geography**

703311

703321

	10	11	12
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Helps students understand the values and roles of groups and individuals in a “Global Village” where economies, cultures, and environmental concerns are connected. The study of geography will contribute to the development of workplace skills and career choices. This course allows all students to see, understand, and appreciate the web of relationships between people, places, and environments. This class is designed for students who have taken US Studies – Comprehensive OR as an elective course.

**Law Studies**

710211

710212

	10	11	12
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Examine the entire legal system with emphasis on criminal, civil and constitutional law; crime and punishments; organized crime; court procedures, civil liberties and juvenile justice.

**Psychology**

732111

732121

	10	11	12
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Includes the study of human behavior in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, disturbance and breakdown. Some outside research is required. This course is an introduction to the scientific study of behavior and mental processes. This class is designed for students who have taken US Studies – Comprehensive OR as an elective course.

**Sociology**

734111

734121

	10	11	12
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Examines the organization of society and the development of culture. Topics for study include the family, religious and economic institutions, minority groups, populations and social structure. This course is the study of our society and our relationship to it. This class is designed for students who have taken US Studies – Comprehensive OR as an elective course.

**History 103 Dual Credit**

70111X

70112X

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**The World Since 1850 Contemporary Studies**

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

**Prerequisite:** 3.0 GPA

**AP Human Geography**

70421H

70422H

	10	11	12
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Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. ADVANCED PLACEMENT EXAMINATION IS REQUIRED, PAID FOR BY THE DISTRICT. THIS COURSE MAY BE SUBSTITUTED FOR 9TH GRADE WORLD STUDIES. Can replace World Studies or be used as a global elective.

**AP Microeconomics/Macroeconomics**

703911

704012

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

**AP European History**

70451H

70452H

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

**AP Psychology**

70471H

70472H

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

**AP United States Government and Politics**

70441H

70442H

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

# World Languages

## American Sign Language

### American Sign Language I

56911X

9	10	11	12
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Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. FALL SEMESTER

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

### American Sign Language II

56921X

9	10	11	12
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Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. SPRING SEMESTER

**Prerequisite:** *American Sign Language I*

### American Sign Language III - American Deaf Community

56931X

	10	11	12
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Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. FALL SEMESTER

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

### American Sign Language IV - Finger Spelling

56941X

	10	11	12
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Designed to give student's foundation in American Sign Language (ASL) and to acquaint them with basic issues of concern to the deaf community. This is a Dual Enrollment course offered by Mount West Community and Technical College. SPRING SEMESTER

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

## Spanish

### **Spanish I**

566111

566121

9	10	11	12
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Introduction to the Spanish language and culture will focus on the skills of reading, speaking, listening, grammar and writing Spanish. The understanding of cultural differences and similarities is an inherent part of this course.

### **Spanish II**

566211

566221

	10	11	12
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Continuation of Spanish I, with further emphasis on advanced grammar, conversations, reading, writing, and the study of additional aspects of Hispanic life.

**Prerequisite:** *Spanish I*

### **Spanish III Honors**

56631H

56632H

		11	12
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Gives students the opportunity to apply the advanced skills already learned in listening, speaking, reading and writing Spanish. This course also emphasizes the study of Hispanic culture.

**Prerequisite:** *Spanish II (C or Above)*

### **AP Spanish Honors**

56691H

56692X

			12
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College Level course intended for students who wish to develop proficiency and to integrate their language skills, using authentic materials and sources from the Spanish-speaking world. AP Exam is required and is paid for by the district.

**Prerequisite:** *Spanish III (B or above)*

### **Spanish 101/102 Dual Credit**

56691X

56692X

			12
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College Level course intended for students who wish to develop proficiency and to integrate their language skills, using authentic materials and sources from the Spanish-speaking world. Dual enrollment course with Marshall University.

**Prerequisite:** *Spanish III (B or above)*

## Russian 1

565111

565121

9	10	11	12
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Introduction to the Russian language and culture will focus on the skills of reading, speaking, listening, grammar, and writing in Russian. The understanding of cultural differences and similarities is an inherent part of the course.

# Fine Arts

## Band

### Beginner Band

372011

372021

9	10	11	
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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. Student may use school owned instruments or provide their own.

### Concert Band I

361111

361121

9	10	11	12
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Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.

Prerequisite: *Permission of teacher*

### Concert Band II

361211

361221

	10	11	12
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Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.

Prerequisite: *Concert Band I and Permission of teacher*

### Concert Band III

361311

361321

		11	12
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Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.

Prerequisite: *Concert Band II and Permission of teacher*

### Concert Band IV

361411

361421

			12
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Open to any student who has had prior band instrument experience or who can demonstrate a ninth-grade level of knowledge and proficiency on a band instrument.

Prerequisite: *Concert Band III and Permission of teacher*

**Concert Band IV Honors**

36141H

36142H

			12
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Senior honors students will complete a written research and complete a major project with the ensemble

**Instrumental Music I**

373152

9	10	11	12
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This course is designed for students who need individualized instruction in instrumental techniques for any band instrument. Study will involve individual and small group approaches. No previous experience is required.

**Jazz Band**

371721

9	10	11	12
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Different Styles of jazz music will be studied in preparation for performance throughout the school year. The Jazz Band plays for various civic and school activities as well as jazz festivals.

**Prerequisite:** *Successful audition and permission from teacher*

**Marching Band**

371611

9	10	11	12
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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

**Prerequisite:** *Permission from teacher*

**Percussion Ensemble**

374511

374521

	10	11	12
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Students will learn to perform on all types of percussion instruments with the focus on performance of concert percussion music of all styles. Prior to taking this course, a student should have some background in at least one major percussion instrument. The group will perform in public concerts and ensemble festivals.

**Prerequisite:** *Percussion experience*

**Wind Ensemble**

374321

9	10	11	12
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The group will present several concerts throughout the year. These students will perform at concerts, parades and festivals. SPRING SEMESTER

**Prerequisite:**

## Wind Ensemble Honors

37432H

			12
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The group will present several concerts throughout the year. These students will perform at concerts, parades and festivals. Senior honors students will complete a written research paper and complete a major project with the ensemble. SPRING SEMESTER

**Prerequisite:** *Successful audition and permission from teacher*

## Choral Performance Ensembles

### Chorus I

362111

362121

9	10	11	12
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Introductory level class. Developing basic music reading skills, the development of good vocal tone production, ensemble singing and to introduce students to major styles of music from the Renaissance to the present day. Performances, "during and outside of class", are a required part of this course. No previous experience necessary. This is a non-auditioned ensemble.

### Chorus II

362211

362221

	10	11	12
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Continuation of Chorus I. Performances are a required part of this course. No previous experience is necessary. No auditions necessary.

**Prerequisite:** *Chorus I*

### Chorus III

362311

362321

		11	12
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Continuation of Chorus II. Performances are a required part of this course. No previous experience is necessary. No auditions necessary.

**Prerequisite:** *Chorus II*

### Chorus IV

362411

362421

			12
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Continuation of Chorus III. Performances are a required part of this course. No previous experience is necessary. No auditions necessary.

**Prerequisite:** *Chorus III*

### Collegium Musicum

376711

376721

9	10	11	12
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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. Outside class time practices and performances.

**Prerequisite:** *Successful audition and permission of the teacher*

**Collegium Musicum Honors**

37671H

37672H

			12
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Senior honor students will complete additional requirements provided by the director.

**Prerequisite:** *Successful audition and permission of the teacher and Collegium Musicum*

**Show Choir**

376611

376621

9	10	11	12
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Upper-level advanced choral performance ensemble. Open to all students with instructor permission.

**Prerequisite:** *Audition*

**Show Choir Honors**

37661H

37662H

			12
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Upper level advanced choral performance ensemble. Open to all students with instructor permission.

**Prerequisite:** *Audition*

**Dance****Dance I**

340111

340121

9	10	11	12
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Designed for students who have an interest in learning different dance styles. Basic dance skills, including ballet, jazz, and choreography will be included, as well as dance history.

**Dance II**

340211

340221

	10	11	12
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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**

340311

340321

		11	12
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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**

340411

340421

			12
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The creative process will be studied and students will develop and awareness of dance and its place in the present and future culture.

**Prerequisite:** *Dance III*

**Guitar****Guitar I**

372851

9	10	11	12
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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**

372852

9	10	11	12
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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**

372853

	10	11	12
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This course will include the use of recording studio and multi-track recording and making demo tracks of original works integrating guitar and other instruments as assigned. Also included will be introductory material for music business and contracts.

**Prerequisite:** *Guitar II*

**Guitar IV**

372854

		11	12
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This course will include studying the history of pop culture from 1900- 2000. Students will explore pop cultures of jazz, rock and pop music. Also included will be the examination of how music and technological advances influenced the development of these genres.

**Prerequisite:** *Guitar III*

**Hand Bells****Hand Bells**

373111

373112

9	10	11	12
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Open to all grades, all students. Student(s) must be able to read music or commit to learn. Performances outside the school day may be required.

# Orchestra

## **Beginning Strings**

374411      374421

9	10	11	12
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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 orchestra the next year.

## **Orchestra I**

376411      376421

9	10	11	12
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A string ensemble designated for students with a minimum proficiency on a string instrument to learn pedagogy and prepare for Orchestra II class. This group may perform in concerts as determined by the director.

## **Orchestra II**

376511      376521

	10	11	12
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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 are required.

## **Orchestra III**

376611      376621

	10	11	12
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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 are required.

## **Orchestra IV**

377711      377721

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

## **Orchestra IV Honors**

37671H      37672H

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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 are required. Seniors will be required to complete two research projects as determined by the director.

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

## Piano

**Piano I** 368111 368121 

9	10	11	12
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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** 368211 368221 

9	10	11	12
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Continuation of Piano I. Piano II is open to intermediate and advanced students.

**Prerequisite:** *Piano I*

**Piano III** 368311 368321 

	10	11	12
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Continuation of Piano II. Students will learn to accompany an ensemble and explore compositions.

**Prerequisite:** *Piano II*

**Piano IV** 368411 368421 

	10	11	12
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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 are required. Seniors will be required to complete two research projects as determined by the director.

## Theater

**Set Design and Construction** 386711 386721 

	10	11	12
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Designed to promote students' experience and skill development for theater productions. Students will create and design sets for the theater department productions.

**Stage Craft I** 385911 385921 

	10	11	12
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Designed to promote students' experience and skill development in one or more aspects of theatrical production; such as lighting, set construction and stage management. Students will be involved in school plays, concerts, and miscellaneous presentations.

**Prerequisite:** *Students must be available for after school practices and evening performances.*

**Stagecraft II**

386011 386021

	10	11	12
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Continuation of Stagecraft I, designed to investigate the design of sets, costumes, props, lighting, sound and special effects. Students will be required to design and tech shows and concerts.

**Prerequisite:** *Stagecraft I*

**Theater I**

380111 380121

9	10	11	12
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Designed to provide the student with further exploration of the art of acting and the production of a play. Participants are expected to perform for a variety of audiences.

**Theater II**

380211 380221

	10	11	12
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Designed to provide the student with further exploration of the art of acting and the production of a play, which includes learning the 3 categories of stage makeup – character fantasy, and special effects. Participants are expected to perform for a variety of audiences.

**Prerequisite:** *Theater I*

**Theater III**

380311 380321

		11	12
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Students will collaborate in developing original dramatic pieces or short plays and will demonstrate ensemble in rehearsing and performing informal and formal theater works.

**Prerequisite:** *Theater II*

**Theater IV Honors**

380411 380421

		11	12
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Students will write scripts for stage productions and will demonstrate artistic discipline to achieve ensemble in rehearsal and performance of informal and formal theater works.

**Prerequisite:** *Theater III*

## Music Appreciation

### **Music History and Literature**

37461X

37462X

	10	11	12
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#### **DUAL CREDIT**

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

### **Music Theory Honors**

37561H

37562H

		11	12
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Involves a study of notation, chords, sight-reading, ear training, and composition. Essential for college music majors or minors. It is also recommended for students who want to improve their music reading and writing skills.

**Prerequisite:** *Permission from Teacher*

### **AP Music Theory**

36511H

36512H

		11	12
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Covers the aspects of melody, harmony, texture, rhythm, form, musical analysis, listening, sight-reading, composition, and some history and style. Participants in this honors level class will take the AP Music Theory exam at the conclusion of the school year.

**Prerequisite:** *Student must be proficient in music reading skills and basic music theory. Permission from teacher.*

## Visual Arts

### **Art I**

321111

321121

9	10	11	12
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Basic Introduction to the visual arts.

## Ceramics Pottery and 3D Design

### **Ceramics and Pottery I**

321116

321126

	10	11	12
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Includes basic methods of hand building and wheel thrown pottery, and glazing techniques.

**Ceramics and Pottery II** 321216 321226 

	10	11	12
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Continuation of Ceramics I with an emphasis on developing basic ceramic techniques.

**Prerequisite:** *Ceramics and Pottery I*

**Ceramics and Pottery III** 321316 321326 

		11	12
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This is a continuation of Ceramics II. It will concentrate on in-depth study and experimentation with wheel throwing and/or large hand-built pieces.

**Prerequisite:** *Ceramics and Pottery II*

**Sculpture- 3 D Design** 333711 333721 

9	10	11	12
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The purpose of this course is to enable students to develop fundamental skills necessary to communicate a range of ideas using basic knowledge of three-dimensional art and sculpture media, design, processes and techniques.

**Prerequisite:** *Art I, Drawing I or Ceramics I*

## **Digital Photography Art**

**Digital Photography I** 321111 321121 

9	10	11	12
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Basic camera and photo editing techniques with an emphasis on project-based learning and experimentation to achieve creative images. Adobe photoshop will be used extensively in this class.

**Digital Photography II** 321211 322121 

	10	11	12
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Continuation of Photo I, with a heavy emphasis on the conceptual and thematic aspects of digital photography. This is an individualized and in-depth study of digital photography.

**Prerequisite:** *Digital Photography I*

**Digital Photography III** 321311 321321 

		11	12
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This is a continuation of Digital Photography II.

**Prerequisite:** *Digital Photography II*

## **Drawing**

**Drawing I** 321111 321121 

9	10	11	12
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Includes basic drawing instruction involving perspective, shading, composition, etc.

**Drawing II** 321211 321221 

	10	11	12
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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*

## **Painting**

**Painting I** 321111 321121 

	10	11	12
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Learning various techniques and styles in the use of tempera, watercolor, ink wash, acrylics, etc. A good drawing background is beneficial. Many individual works will be completed.

**Painting II** 321211 322121 

		11	12
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Develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts.

**Prerequisite:** *Painting I*

## **Printmaking**

**Studio Printmaking** 334911 334921 

	10	11	12
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The purpose of this course is to enable students to develop knowledge of printmaking processes, techniques, and skills necessary to create and communicate a range of subject matter symbols, ideas and concepts.

**Prerequisites:** *Art I or Drawing I*

## **AP Studio Art**

**AP Art History** 32211H 32212H 

	11	12
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The content will include an advanced level understanding of the history, practice and enjoyment of art. Students must take the AP exam to receive honors credit which is provided free to students enrolled in the course.

**AP Studio Art**

32221H

32222H

			12
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Designed for a student who wants to create a portfolio for admission to a college Art program. A portfolio will also be submitted to the College Board as a part of the AP assessment program.  
**Prerequisite:** 3 other Visual Art courses or teacher recommendation

## Career Interest Electives

### Agriculture

**Introduction to Agriculture, Food and Natural Resources**

0101E1

0101E2

9	10	11	12
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The introductory course to all Agriscience programs. Designed for students who have an interest in and wish to incorporate basic skills in agriscience and/or agribusiness.

**Companion Animal Care**

0149E1

0149E2

9	10	11	12
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Contains the ever-growing popularity of small domestic animals (dogs, cats, birds, fish, and other pets) and their care. Supervised Agricultural Experience is required. FFA membership is recommended.

**Floriculture**

0213E1

0213E2

9	10	11	12
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Basic principles of floral design. Supervised Agricultural experience is required. FFA is recommended. Satisfies the Graduation Requirement for a Fine Art credit.





## Engineering

**Introduction to Engineering Design**                      246111                      246121                      

9	10	11	12
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Teaches problem solving skills using a design development process. Models of product solutions are created, analyzed and communicated using solid modeling computer software.

**Principles of Engineering**                                      246311                      246321                      

	10	11	12
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Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people.

*Prerequisite:*                      *Introduction to Engineering Design*

**Digital Electronics**    246211                      246221                      

		11	12
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Teaches applied logic through work with electronic circuitry, which students also construct and test for functionality.

*Prerequisite:*                      *Introduction to Engineering and Principles of Engineering*

**Civil Engineering and Architecture**                              246611                      246621                      

		11	12
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Provides and Overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other.

*Prerequisite:*                      *Introduction to Engineering and Principles of Engineering*

## Computer Science

**AP Computer Science Principles**                              30301H                      30302H                      

9	10	11	12
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The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems. Students are required to complete the AP projects and take the AP Computer Science Principles exam at the end of this course.

*Prerequisite:*                      *Algebra I*

**AP Computer Science A**

28011H

28012H

	10	11	12
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The fundamentals of computing, including problem solving, working with data, understanding the internet, cybersecurity, and programming. The goal is to broaden your understanding of computer science for use in a diversity of majors and careers. AP Computer Science A *may be counted as a fourth math elective credit course and must be taught by a certified 9-12 math teacher.*

**Prerequisite:** *Algebra I and AP Computer Science Principles*

**Computer Science & Mathematics**

316111

316121

	10	11	12
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This introduction to programming course is designed to provide students with the opportunity to explore the uses of mathematics and computer programming as tools in creating effective solutions to complex problems. Students will develop and refine fundamental skills of computer science within a mathematical context. *Computer Science & Mathematics may be counted as a fourth math elective credit course and must be taught by a certified 9-12 math teacher.*

**Culinary****Baking and Pastry**

102411

102421

9	10	11	12
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This course focuses on weights, measures, and general baking, classifications, handling and storage of ingredients, safety, yeast raised dough products, cakes, cookies, batters and breads. Students will also investigate careers in the culinary field.

**Culinary Food Preparation**

095111

095121

9	10	11	12
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The student will focus on various food preparation and management skills that promote health and wellness of individual families.



**Essentials of Addiction and Prevention**      1060E1      1060E2      

	10	11	12
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Students will understand the structures and functions of each system in the human body.

**Prerequisite:**      *9<sup>th</sup> grade or higher reading level*

**Medical Terminology**      0721E1      0721E2      

	10	11	12
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Students will be introduced to the language of medicine.

**Prerequisite:**      *9<sup>th</sup> grade or higher reading level*

**Sports Medicine I**      675011      675021      

9	10	11	12
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Designed to teach students components of exercise science/sports medicine including exploration of therapeutic careers, medical terminology, anatomy, physiology, injury prevention, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sport psychology, and performance enhancement philosophies.

**Prerequisite:**      *High School Health*

## *Human Services*

**Foundations in Education**      1301E1      1301E2      

9	10	11	12
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This course is designed to introduce the history, development, organization, and practices of preschool, elementary, and secondary education. In addition to classroom training, students will participate in field experiences at local elementary, middle, and high schools. Students also gain the professional or skilled knowledge and skills necessary to begin a career in the education profession.

**Parenting and Strong Families**      090311      090321      

9	10	11	12
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Designed to help students evaluate readiness for parenting while examining appropriate Parent and Strong Family practices.

# Journalism

## Mass Communication I

415711

415721

	10	11	12
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This course is designed to give students the opportunity for practical, hands-on experience in front of the television cameras and also to learn the basic production techniques needed for television.

## Journalism I

405111

405121

9	10	11	12
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Introduces the history, ethics, and journalistic writing, with major focus upon print media including yearbook and newspaper. Knowledge of news writing style, page design, reporting and interviewing techniques are critical skills developed in this course.

**Prerequisite:** "C" or better in English

## Newspaper

406611

406621

	10	11	12
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Students will study Journalistic styles and assume positions of responsibility on the school newspaper's reporting staff, performing duties as outlined in the staff guidelines.

**Prerequisite:** *Journalism I*

## Speech and Oral Communications

407611

407621

9	10	11	12
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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.

## Yearbook

407111

407121

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

**Prerequisite:** *Journalism I*

## Communications 103 - Block

41680X

			12
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### Dual Credit

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

# Cabell County Career and Technology Academy



## Course Descriptions Guide



## Machine Trades



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

Two-Year CTE completer program  
Embedded credit for Senior-Level math

## Carpentry



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

Two-Year CTE completer program  
Embedded credit for Senior-Level math

## Welding



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

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

## Graphic Design



Students learn the basics of Adobe programs such as Photoshop and Illustrator along with CorelDraw and Wasatch. Students also learn the skills for silk screening, decal and banner design, and printing.

Two-Year CTE completer program  
Fine arts credit towards graduation upon completion of program  
Two, three-hour courses through Mountwest Community and Technical College upon completion of program (DSGN 120 and IT 110).



## Automotive Technology



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

Two-Year CTE completer program

## Electricity



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

Two-Year CTE completer program

Embedded credit for Senior-Level math

## HVAC



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

Two-Year CTE completer program

Embedded credit for Senior-Level math

## Collision Repair



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

Two-Year CTE completer program

## Building Maintenance and Operations



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

Two-Year CTE completer program



## **Building Technology**

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

One year exploration program

Fine arts credit towards graduation upon completion of program



## **Law and Public Safety**

Learn the functions of the criminal justice system with a focus on law enforcement techniques. Hands-on training provided utilizing a use of force simulator, law enforcement personnel and crime scene investigation. Certifications include first aid, CPR, AED, OSHA 10 General Healthcare, Stop the Bleed, and FEMA.

Two-Year CTE completer program

One, three-hour course through Mountwest Community and Technical College upon completion of program (CJS 101).

## **Administrative Support**



Administrative Support program is designed to develop student understanding and skills in the principles, concepts, and practices of Microsoft Word, PowerPoint, accounting, business, marketing, and personal finance. The program offers students the opportunity to earn Microsoft Office Word and PowerPoint Specialist certifications.

One year CTE completer program

Two, three-hour courses through Mountwest Community and Technical College upon completion of program (MG 101 and AC 103)



## **A + Certification**

A+ Certification allows students to get hands on experience in computer repair technology. Students will use CompTIA standards to learn standards and components for basic computer repair, updates, and technical issues.

One-year CTE completer program



## Coding, App and Game Design

Coding, Application and Game Design allows students to create content personalized to their desires, while focusing on industry standards. Students will use websites such as Code.org, Weebly, Adobe, Odyssey, Scratch, Unity, and Construct. Students will also venture into other digital media avenues such as Video Editing, Podcasting, and Social Media Management. Finally, students will get hands on experience with Swift code through Apple Coding.

Languages taught: HTML, C++, Swift, XCode, Python, Ruby

One-year CTE completer program

Three, three-hour courses through Mountwest Community and Technical College upon completion of program (IT 110, IT 171 and IT 271)



Cabell Cosmetology

## Pre-Cosmetology (Juniors and Seniors Only)

Students will learn the principals of Hair Design including scalp care, shampooing, conditioning, haircutting, hairstyling, braiding and extensions, wigs and hair additions, chemical texture services, and hair coloring.

The program is a course of study consisting of a minimum of 1,000 clock hours.

The WV State Board of Barbers and Cosmetology requires that each enrolled student in the Hairstyling Program fill out an application for student permit along with certificate of health. The student permit will require the following items listed below and will be sent to the WV Board of Barbers and Cosmetology.

\$25 dollar money order made payable to the WV Bd. of Barbers and Cosmetology.

High School Diploma or transcript of enrollment.

Copy of social security card

Copy of state issued driver's license or a state issued ID card.

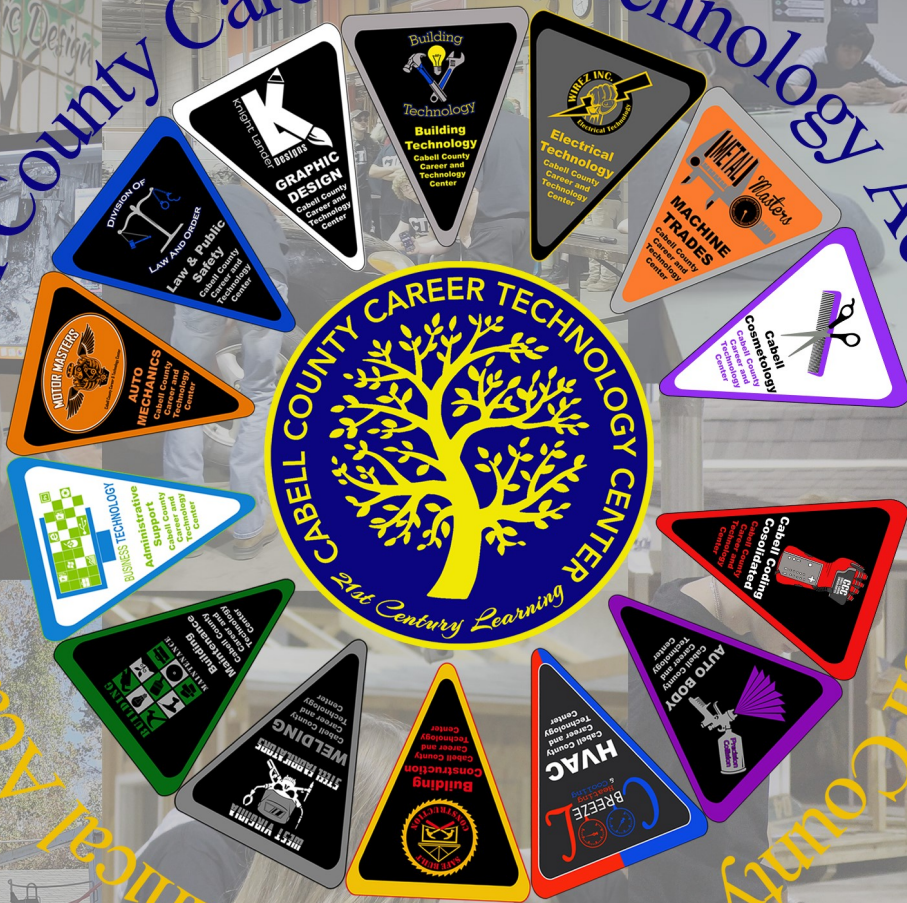
Recent Photograph/Program badge picture we will take at school.

Completed certificate of health form signed by a physician or nurse practitioner.

If you are accepted into the program you will be given a packet to be completed. The packet will need to be returned to the Technology Center no later than August 1, 2021; there are no exceptions. If you have questions regarding requirements or curriculum for the Hairstyling Program, please feel free to contact the Cabell County Career and Technology Center for further information.

Two-Year CTE completer program

# Cabell County Career and Technology Academy



**SIMULATED WORKPLACE**

Offering Embedded and Dual Credit.

Due Date: \_\_\_\_\_

This form must be on file with the CCCTA office before a student may begin classes in the simulated workplace. Students who have not completed and submitted this form will not be permitted to enroll in a CCCTA program. This includes the Random Drug Testing Consent Form included in this application packet.

## PLEASE PRINT ALL INFORMATION

### STUDENT INFORMATION

LAST NAME: \_\_\_\_\_ FIRST NAME: \_\_\_\_\_ MIDDLE NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
WVEIS NUMBER: \_\_\_\_\_ BIRTHDATE: \_\_\_\_\_ PHONE #: \_\_\_\_\_  
PARENT NAME: \_\_\_\_\_ PHONE NUMBER FOR PARENT: \_\_\_\_\_  
HIGH SCHOOL: \_\_\_\_\_ SCHOOL COUNSELOR: \_\_\_\_\_

### ACADEMY COURSE CHOICES

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

- |  |  |
|--|--|
| <input type="checkbox"/> Administrative Support (Dual Credit)                          | <input type="checkbox"/> Pre- Cosmetology (11&12 grade)                    |
| <input type="checkbox"/> Auto Technology   | <input type="checkbox"/> Electricity (Embedded Credit)                     |
| <input type="checkbox"/> Building Maintenance  | <input type="checkbox"/> Graphic Design (Dual Credit,<br>Fine Arts Credit) |
| <input type="checkbox"/> Building Technology (Fine Arts Credit)                        | <input type="checkbox"/> HVAC (Embedded Credit)                            |
| <input type="checkbox"/> Carpentry (Embedded Credit)                                   | <input type="checkbox"/> Law & Public Safety (Dual Credit)                 |
| <input type="checkbox"/> Coding, App, &<br>Game Design (Dual Credit, A+ Certification) | <input type="checkbox"/> Machine Trades (Embedded Credit)                  |
| <input type="checkbox"/> Collision Repair  | <input type="checkbox"/> Welding (Fine Arts Credit)                        |

All CCCTA programs provide some **FREE** college credit through articulation agreements with local colleges and/or the WV EDGE initiatives.

Would you like to be considered for full time placement?

Yes

No

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

### REFERENCES

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_  
(Someone not related to you)

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_  
(Someone not related to you)

### ACHIEVEMENTS

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

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# CCCTA Simulated Workplace

Enrolling in a technical program at CCCTA requires that students participate in specific tasks as mandated by WV Simulated Workplace. By initialing each item below, I, \_\_\_\_\_ acknowledge that I have read this

**Print Your Name Here**

application packet and agree to comply with the following requirements:

\_\_\_\_\_ Punch in/out daily on a time clock

(initial)

\_\_\_\_\_ Wear a work uniform as required by program

(initial)

\_\_\_\_\_ Arrive on time and ready for work when my shift begins

(initial)

\_\_\_\_\_ Participate in random workplace drug testing

(initial)

\_\_\_\_\_ Complete all safety and other training as required

(initial)

\_\_\_\_\_ Maintain good attendance in the simulated workplace

(initial)

\_\_\_\_\_ Understand that these courses only offered once each year, and sequencing for the courses varies

(initial) depending on the needs and requirements of each CTE program.

\_\_\_\_\_ Create and complete a CTE Portfolio and Career Technical Performance Assessment

(initial)

\_\_\_\_\_ Student Signature

\_\_\_\_\_ Date

\_\_\_\_\_ Parent Signature

\_\_\_\_\_ Date

## Recommended Prerequisites

### Math for All Trades

All CTE students must have a functional understanding of general math, fractions, decimals, measurement, measurement tools, area measure, and volume measure.

Specifically:

Whole Number: addition, subtraction, multiplication and division

Fractions: defining, adding, subtracting, multiplying and dividing

Decimals: adding and subtracting, multiplying and dividing, converting to fractions

Percentages: calculating, adding, dividing, converting

*Memorization of multiplication tables and the ability to do general "mental math" is essential.*

### Reading levels for All Trades

Students interested in these programs should also have a good command of language, reading comprehension, and written/verbal communication. A lot of the textbooks are at a college reading level, as these programs are preparing students to be career and college ready. It is very important that students can comprehend the material in order to ensure a safe and functional workplace environment. 110

## What is Simulated Workplace

To certify students are receiving the most authentic learning experiences, the West Virginia Department of Education, Division of Technical and Adult Education has collaborated with a committee of experts in career and technical education, higher education, and over fifty West Virginia business and industry experts to design the Simulated Workplace environment protocols and expectations.

These protocols and expectations include the development of school level advisory teams consisting of a county Superintendent, CTE Director / Administrator, Counselor, and program instructors. Each student is required to consent to our Simulated Workplace drug testing, which ensures a minimum of forty percent of students tested.

## STRUCTURES AND PROCEDURES

The overall structure of the Simulated Workplace initiative will be governed by a set of protocols to assure consistency and quality in the local implementation of the concept. These protocols include the following requirements:

### CTE programs will:

1. Transform the classroom environment into a **replicated company**;
2. Utilize **time clocks** or some other form of **formal attendance** recording process;
3. Develop/Adhere to the county developed **Random Drug Testing Policy**, while testing a minimum of 40% of all students enrolled within a Simulated Workplace classroom;
4. Conduct an **application / interview** process for enrolling students;
5. Develop a **company name** and **procedures / protocol manual**;

Exerpt from: <https://www.cabellschools.com/SimulatedWorkplace.aspx> "Guidelines for Simulated Workplace"

## Important Policy Information About CCCTA Programs

Each career and technical program at CCCTA includes four (4) core courses, as defined by West Virginia Department of Education Program of Study.

These courses are required for graduation from Cabell County Schools, as mandated by West Virginia law (Policy 2510) and by the Cabell County Board of Education Policy Manual.

# Year 14

## Year 14

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

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

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

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

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

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



CABELL COUNTY CAREER TECHNOLOGY CENTER

YEAR 14 APPLICATION & DATA COLLECTION

Please Print Clearly

Please circle your program choice.

Automotive Technology (Day Only)	Collision Repair	Machines Tool Technology
Graphic Design	Carpentry	Hairstyling
Coding, App, and Game Design	Elec Tech (Day Only)	Welding (Day Only)

Application Deadline July 15. Due to demand, we suggest you not delay submitting your application.

\*Completing this form does guarantee that you will get into the program. High School students get priority.

\*Students have financially responsible for consumable materials (workbooks).

Student Name \_\_\_\_\_ (\_\_\_\_\_)
Last First M.I. Other/Nickname

Social Security Number \_\_\_\_-\_\_\_\_-\_\_\_\_ Date of Birth \_\_\_\_/\_\_\_\_/\_\_\_\_

Male: \_\_\_\_ Female \_\_\_\_ Email: \_\_\_\_\_

Mailing Address \_\_\_\_\_
Street Name, House Number, Apt. City State ZIP

Home Phone \_\_\_\_-\_\_\_\_-\_\_\_\_ Cell Phone \_\_\_\_-\_\_\_\_-\_\_\_\_

Ethnic Group- Optional

\_\_\_\_ American Indian/ Alaskan Native \_\_\_\_ Asian \_\_\_\_ Caucasian/White \_\_\_\_ Unknown
\_\_\_\_ African American/Black \_\_\_\_ Hispanic/Latino \_\_\_\_ Nonresident Alien \_\_\_\_ Native Hawaiian/Pacific Islander

Emergency Contact

Name \_\_\_\_\_ Relationship \_\_\_\_\_

Address \_\_\_\_\_
Street Name, House Number, Apt. City State ZIP

Home Phone \_\_\_\_-\_\_\_\_-\_\_\_\_ Cell Phone \_\_\_\_-\_\_\_\_-\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_

Parent Signature (if under 18) \_\_\_\_\_

Office Use

WVEIS # \_\_\_\_\_ Program Attending \_\_\_\_\_
Program Code \_\_\_\_\_ Program Hours \_\_\_\_\_

CABELL COUNTY CAREER TECHNOLOGY CENTER  
 YEAR 14 CHECKLIST  
 Office Use Only

- Completed 14<sup>th</sup> year application (on the front of this checklist)
- TABE test scores (must have passed with level 4-6)
  - Bridge Agreement if needed\*
- High School Transcripts
- Signed and dated attendance agreement (orange paper)\*
- Initialed, signed, and dated Technology Use Policy (Pastel Yellow)\*
- Background check (student responsible for fee)\*\*
- Drug test (student responsible for fee)\*\*
- Handbook confirmation form signed and dated. (Last page of handbook)\*
- Parking pass if coming during the daytime hours. Be ready to present your driver's license, vehicle registration, and proof of insurance. This will be issued the first day of class.
- FEPR (if you wish for CCCTC to speak with anyone but you about your information).
- Letter of Recommendation

\*Forms are available in the Adult Education Office.

\*\*May be waived with permission from the director.

I am an adult taking part in a high school program with minors. I understand the following:

- ✓ I will participate in Simulated Workplace activities
- ✓ I will participate in the NOCTI exams
- ✓ I will not mingle with high school students during personal time
  - Before school, during lunch, after school
- ✓ I am able to leave the campus at any time.
- ✓ I am not to transport any high school student off campus.
- ✓ I am not to bring any outside food on campus for high school students to consume
- ✓ I understand that failing to comply may result in being removed from the program.
- ✓ I understand that being removed from a day time program may require me to complete the FAFSA and I will be monetarily responsible for evening program costs.

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Student Name

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Date

## Year 14 Programs

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

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

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

- TABE test score of 9th grade or above  
(TABE test may be waived for a recent ACT score of 20+ or SAT score of 1020+)
- Background check
- Letter of Recommendation from your counselor and/or program instructor
- transcript
- a completed application form

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

Things to consider:

- Tuition is waived for year 14 students
- Students cannot use FAFSA or other Federal Aid for Year 14
- Class times are during the day ONLY
- Evening courses do not qualify for Year 14
- Background checks are required at the expense of the student.
- Classes are Monday-Friday 8 am-3 pm
- Follow Cabell County School Calendar
- Attendance Requirements differ from the high school policy

# PROMISE Scholarship

## Important Updates for the 2020 Application

Due to the COVID-19 pandemic the WV Higher Education Policy Commission has approved temporary modifications to qualify for (class of 2020 and class of 2021) and renewal (2019-20) for WV financial aid programs. Visit <http://www.wvhepc.edu/coronavirus/> for more information regarding these changes.

The PROMISE Scholarship is a merit-based financial aid program for West Virginia residents. Students who achieve certain academic requirements are eligible to receive funds to help pay for college. Eligible high school graduates will receive annual awards up to \$4,750 to cover the cost of tuition and mandatory fees at public or independent institutions in West Virginia. Awards are contingent upon annual funding of the program by the West Virginia State Legislature.

## Academic Requirements

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

## Test Score Requirements

### SAT Score

- Total Score: 1100
- Math: 520
- EBRW: 530
- Writing portion is not included in calculating the composite score

### ACT Score

- 22 Composite
- 20 in English
- 20 in Math
- 20 in Science
- 20 in Reading



## Timeline for the Class of 2021

### October 1, 2020

PROMISE Scholarship Available  
FAFSA Available

### March 1, 2021

Promise Application Deadline  
FAFSA Filing Deadline

### July 2021

Last ACT Date to Qualify for PROMISE

### August 2021

Last SAT Date to Qualify for PROMISE



For more information on the PROMISE Scholarship, visit [cfwv.com](http://cfwv.com).