

2021-2022 Huntington Highlanders



Grades 10-12

TABLE OF CONTENTS

ADMINISTRATORS	2
COUNSELING STAFF	2
STATE POLICY AND SCHEDULING INFORMATION	
<hr/>	
CORE REQUIREMENTS FOR GRADUATION	5
PERSONALIZED EDUCATION PLAN (PEP)	5
ADVANCED PLACEMENT AND HONORS	6
SCHEDULING INFORMATION	12
COLLEGE ENTRANCE EXAMS	14
DUAL ENROLLMENT	15
ATHLETIC ELIGIBILITY	20
HUNTINGTON HIGH SCHOOL ACADEMIES	25
STEM ACADEMY	26
BUSINESS AND FINE ARTS ACADEMY	30
HUMAN SERVICES ACADEMY	33
CABELL COUNTY CAREER TECHNOLOGY ACADEMY	36
HUNTINGTON HIGH SCHOOL COURSE DESCRIPTIONS	44
<hr/>	
AEROSPACE ENGINEERING	46
ARMY JUNIOR RESERVE OFFICERS TRAINING	47
ART	48
BUSINESS/MARKETING	52
COMPUTER SCIENCES	52
DANCE	53
DRIVER EDUCATION	54
ENGLISH/LANGUAGE ARTS	54
FAMILY AND CONSUMER SCIENCES (Careers in Education and Pro-Start/Restaurant Management)	59
HEALTH	61
HEALTH SCIENCES	62
MATHEMATICS	64
MUSIC	67
PERSONAL FITNESS AND WELLNESS TRAINING	72
PHYSICAL EDUCATION	73
PROJECT LEAD THE WAY (PRE-ENGINEERING)	73
SCIENCE	74
SOCIAL STUDIES	78
THEATER	81
WORLD LANGUAGES	82
CABELL COUNTY CAREER TECHNOLOGY CENTER COURSE DESCRIPTIONS	91
<hr/>	
MACHINE TRADES ----- CARPENTRY ----- WELDING ---- GRAPHIC DESIGN	92
AUTOMOTIVE TECHNOLOGY ----- ELECTRICITY ----- HVAC	93
COLLISION REPAIR ----- BUILDING MAINTENANCE AND OPERATIONS	93
BUILDING TECHNOLOGY ----- LAW AND PUBLIC SAFETY	94
ADMINISTRATIVE SUPPORT ----- A+ CERTIFICATION	94
CODING, APP, AND GAME DESIGN	95
COSMETOLOGY (JUNIORS AND SENIORS ONLY)	95
CABELL COUNTY CAREER AND TECHNOLOGY CENTER – YEAR 14 PROGRAM	100
PROMISE SCHOLARHIP	104



HUNTINGTON HIGH SCHOOL

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From the Desk of HHS Lead Principal



Dear Students and Parents,

Welcome to Huntington High School. We are excited for a new school year and to welcome some new students to our school. I want to emphasize that this is our school – the students', the parents', the staff's, and the community's. The staff and administration are here to provide opportunities and to support you in having a successful high school experience.

I encourage you to take an active part in our school life. For students, that will mean investing their time and energy in their studies and taking advantage of our clubs and our extra-curricular opportunities as their talents and interests dictate. We also want to hear your suggestions about how we can improve in meeting your needs.

Parents are encouraged to visit our school and/or contact us to discuss their child's progress. We suggest that you make an appointment with teachers, teams, administrators, or counselors by contacting them by phone or email. An appointment will help to ensure that the staff member(s) with whom you wish to meet will be available at that time. We also offer parent volunteer and participation opportunities through our support organizations, the Huntington High School Local School Improvement Council (LSIC) and our many different boosters' organizations.

Please familiarize yourself with the contents of this handbook. While it is not intended that it will cover all situations on a day-to-day basis, it does provide you with an overview of our expectations and policies.

Sincerely,

Dan Gleason
HHS Principal

Cabell County Career and Technical Center



Frank Barnett

Dear Students:

On behalf of the Cabell County Career and Technical Academy, the faculty and I warmly welcome you to consider and visit the school when determining your high school courses. As you will see in our course descriptions, we have many options to accommodate students with varied interests. Career technical education has evolved with the changing job market over the course of the last few years. One such change is simulated workplace which is designed to prepare students for the actual daily demands of the workplace. At Career and Technology Academy, students gain the knowledge and skill necessary for careers in the real world. These experiences include:

1. Using time clocks to clock in and out
2. Developing company names, and procedure manuals
3. Wearing uniforms
4. Data reporting/meetings
5. Establishing work teams and working on portfolios
6. Drug testing.
7. The establishment and management of a company hierarchy to include roles such as foreman, safety manager, time clerk etc.

In other words, students become actively responsible for the creation of their company from the ground up. This gives them the opportunity to meet with industry leaders and community members by the creation of advisory committees. When students leave the simulated workplace as completers, they will have the knowledge and skills to become highly sought after by local employers and industry.

Career and Technical Education has worked tirelessly to change the perception that college is for everyone. Career Tech Education is an important source of skilled workers for the changing local and national job market. The Cabell County Career and Technical Academy teachers work to ensure student success by meeting individual needs. The demand for training in HVAC, welding, automotive mechanics and repair, machine trades and the other programs available is more relevant and meaningful than at any time in the past. The high demand skill sets that Cabell County students master in our programs provides marketable skills. These careers are fundamental to the development of an increasing local economy and attracting new potential businesses.

Cabell County Career and Technology Academy welcomes interested students in our growing programs. Please see your counselor for an application to become part of the many programs available as either a half day or full day student.

Sincerely,
Frank L. Barnett

Core Requirements for Graduation

The following are the graduation requirements for students in Cabell County. 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

5.1.a. **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.

5.1.a.2. During the 9th grade and each subsequent year 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 (e.g., ACT EXPLORE, interests and learning styles inventories, aptitude tests, multiple intelligence inventories) to guide changes to course selections.

5.1.a.3 During the 10th grade year the second phase of the PEP is developed. Students identify course selections for grades 10-12 and postsecondary plans for the first year after high school. To assist with development of the three-year PEP, the school will provide ongoing opportunities during the school day for career exploration and self-discovery involving completing student needs assessments, career and interest inventories, learning style inventories, self-reflections and multi-faceted opportunities for career inquiry. 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.

5.1.a.4 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.

Students will begin completion of their PEP at the same time they are registering for Freshman classes at the middle school. Parents should schedule appointments with middle school counselors and/or advisors to complete and sign the PEP for the 9th grade year.

Advanced Placement and Honors

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

How are honors courses different?

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

How are Advanced Placement (AP) courses different?

- AP courses are instructed at a collegiate level and students are expected to complete collegiate level work
- Students are encouraged to previously take honors courses in preparation to succeed in an AP course level work. Course descriptions can be found on the College Board website in AP Central <https://apstudent.collegeboard.org/apcourse>
- AP courses are reviewed and approved by the College Board
- Students are required to take the assigned AP test in May of the school year (a cost covered by the district)
- Students receive a weighted grade
- Passing scores allow students to receive college credit (see College Board website)

Caution:

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

General Information on Honors and AP courses

Policies and Practices

- Students are permitted to enroll in an honors and AP course upon meeting the criteria and completing the *Honors and AP Recommendation Form*. Forms are available with honors and AP teachers, counselors, in this course description book, and on our school's webpage.
- 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.
- Also, refer to the AP contract for additional information on AP Policies.

WITHDRAWAL FROM HONORS AND AP COURSES

Please refer to the section regarding the expectations and requirements of "Honors" and "AP" level classes in order to choose these classes carefully. The master schedule is student driven meaning it is based on the number of students requesting a course. 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 1 AP
Studio Art Drawing	4	3	ART 111
Studio Art-2-D Design	3	3	ART 1 AP
Studio Art-2-D Design	4	3	ART 121
Studio Art-3-D Design	3	3	ART 1 AP
Studio Art 3-D Design	4	3	ART 122
ART HISTORY	3	3	ARHS 101
BIOLOGY	3	8	BIOL 1 AP
BIOLOGY	4	3	BIOL 101
CHEMISTRY	3	4	CHEM 1 AP
CHEMISTRY	4	4	CHEM 116
CLASSICS			
Latin	3	3	CLASS 102
Latin	4	3	CLASS 204
COMPUTER SCIENCE			
Computer Science A	3	3	CS 1 AP
Computer Science AB	4	3	CS 110
Computer Science Principles	3	3	CS 1 AP
ECONOMICS			
Microeconomics	3	3	ECON 201
Macroeconomics	3	3	ECON 202
ENGLISH			
Engl. Lit. and Comp	3	3	ENGL 1 AP
Engl. Lit. and Comp	4	3	ENGL 132
Engl. Lang. and Comp	3	3	ENGL 1 AP
Engl. Lang. and Comp	4	3	ENGL 101
Engl. Lang. and Comp	5	3	ENGL 103
(9 units maximum for both tests)			
ENVIRONMENTAL SCIENCE	3	4	GEOG 110/111
FOREIGN LANGUAGE			
Chinese Lang. & Culture	3	3	CHIN 102
French Language	3	3	FRCH 102
French Literature	4	3	FRCH 204
German Language	3	3	GER 102
German Language	4	3	GER 204
Italian Lang. & Culture	3	3	ITAL 102
Italian Lang. & Culture	4	3	ITAL 204

Japanese Lang. & Culture	3	6	JAPN 102
Japanese Lang. & Culture	4	3	JAPN 204
Russian Lang. & Culture	3	6	RUSS 101, 102
Spanish Language	3	3	SPAN 102
Spanish Language	4	3	SPAN 204
Spanish Literature	3	3	SPAN 1 AP
GEOGRAPHY			
Human Geography	3	3	GEOG 108
GOVERNMENT AND POLITICS			
United States	3	3	POLS 102
Comparative	3	3	POLS 250
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	3	MATH 1 AP
Calculus AB	4	4	MATH 155
Calculus BC	3	4	MATH 155
Calculus BC	4	4	MATH 155, 156
Statistics	3	3	STAT 211
MUSIC			
Theory	3	3	MUSIC 110
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

Students participate in a mandatory summer reading program. The reading selections are chosen 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.

COMMUNITY SERVICE REQUIREMENT

Students shall complete a minimum of ten (10) hours of approved community service for graduation. Documentation is required to be submitted to the student's counselor.

Withdrawals and Auditing Courses

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

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

Auditing of classes must be declared within the first five days of the class. Students who audit a course will be required to attend class, be actively engaged in the class, and complete all assignments and tests of the course.

VIRTUAL SCHOOL

West Virginia Virtual School provides online courses for students when those courses are not available in their high school or if their schedule prevents them from taking a course associated with their college and career goals. Students who choose to take a virtual school course need to be motivated and skilled in time management in order to be successful. Seniors must complete all coursework by the last day for seniors. Courses which are on a semester status must be completed by the end of the semester. Students shall complete year-long course requirements by the last day of school for students during the current school year. It is the students' and parents' responsibility to determine adequate progress is maintained during the course. Students failing the virtual course will be allowed to do credit recovery. As virtual courses are paid for by the State for the initial two classes, repeating a failing class through virtual school will be at parents' expense.

WVVS Grade Transcripts and Drop Policy

Most WVVS course providers allow a trial period during which students can drop a virtual course without penalty. The school **must** report a grade of **WNG** (Withdrawn No Grade) on the student transcript when the student drops a course on or before 28 calendar days. The school **must** record a grade of **WF** (Withdrawn Failing) for a student who drops a course **after** the 28 day drop date. Any student who does not begin the course within 10 to 14 days is at risk of being dropped from the course without warning. The virtual course grade will be available to the school co-teacher/facilitator/mentor. The co-teacher/facilitator/mentor ensures that student grades for WV Virtual School courses are entered in the WVEIS data system. No changes can be made to the online course grade by local school personnel.

Grades must be recorded by using the percentage grade issued by the online instructor. Letter grades assigned to a student's transcript must follow the WV Uniform Grading Scale.

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 in any student taking 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 and SAT, and the American College Testing Program administers the ACT. For detailed information on the nature of these tests and the preferred testing dates, see the counselors. 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

HHS CODE 490596

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



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

Advantages of Taking Dual Credit Courses

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

- Receive college credit for classes you have to take in high school anyway (math, biology, Spanish, English, history, etc.)
- Gives high school students an opportunity to experience a college class
- Gives students an opportunity to jumpstart their college careers
- Costs are reduced (approximately 1/4 the cost of on-campus courses)
- Cabell County provides the textbook (a significant savings most college textbooks are \$150-\$200+)
- Students don't have to drive to campus or purchase a parking space
- Students will be in smaller classes and have instructors that can spend more time helping them with course work, instead of being in a college lecture room with 50-100 other students
- Increased self-confidence before entering college

What You Need to Know

Before taking a dual 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 Marshall University or WV State
- 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 have 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.
- These are advanced college-level required or elective classes.
- 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.*

Additional Information

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

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

General Education Courses Required at Marshall University (Core II)

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



Mountwest Community and Technical College offers a wide variety of skill sets, certificates, and 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 a certificate or degree through MCTC. For more information, visit MCTC's website: <http://www.mctc.edu/>.

Note: MCTC courses require tuition payment. Contact MCTC for available financial assistance. E.D.G.E. (Earn a Degree or Graduate Early) courses are free.

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.

Dual Enrollment Courses Marshall University	
High School Course	College Course Credit
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
Dual Enrollment Courses Mountwest	
High School Course	College Course Credit
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
E.D.G.E Credit Mountwest	
High School Course	College Course Credit
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 rising grade level.

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

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

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

Cabell County Course	MU Dual Credit Course	Prerequisites
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 and create an account. For additional information about the NCAA as an organization, history, purpose, etc., the main website is www.NCAA.com. While these websites are linked it is difficult to navigate out of the NCAA.com to the eligibilitycenter.org.

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

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.
 - **SAT**: critical reading and math sections.
 - Best sub score from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT**: English, math, reading and science sections.
 - Best sub score from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

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

DIVISION I

Core-Course Requirement (16)

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

DIVISION I – 2016

Qualifier Requirements

**Athletics aid, practice, and competition*

- 16 core courses
 - Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science.
 - "Locked in" for core-course GPA calculation.
- 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).
- Graduate from high school.

DIVISION I – 2016

Academic Redshirt Requirements

**Athletics aid and practice (no competition)*

- 16 core courses
 - No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
- Graduate from high school.

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.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.

DIVISION II	
16 Core Courses	
3	years of English.
2	years of mathematics (Algebra I or higher).
2	years of natural/physical science (1 year of lab if offered by high school).
3	years of additional English, mathematics or natural/physical science.
2	years of social science.
4	years of additional

- 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.

Huntington High School Academies

STEM

Academy

Program of Study: Advanced Placement Studies

This course of study allows students to focus on advanced placement courses.

Required Courses:

- Students will take at least four advanced placement courses from Mathematics, Science, English, Social Studies, Art, or Music

Program of Study: Aerospace

The Aerospace Engineering program of study is designed to prepare students for careers and further study in aerospace technologies and related industries. The program's four-course sequence will provide students with the opportunity to apply concepts and principles of atmospheric flight and space flight to authentic situations.

Required Courses:

1. AC Aerospace Engineering I
2. AC Aerospace Engineering II
3. AC Aerospace Engineering III
4. AC Aerospace Engineering IV



Employment Opportunities:

Aerospace Engineer, Aerospace Engineering and Operations Technicians, Sales Engineers, Wind Energy Engineers

Program of Study: Personal Fitness and Wellness

Health Care is one of the fastest growing industries in West Virginia. Students enrolled in this Program of Study will learn the basics for a future career related to health and wellness.

Required Courses:

1. Foundations of Wellness
2. Models of Wellness Training
3. Wellness Coaching Skills
4. Practical Applications of Wellness

❖ This program is part of the West Virginia Department of Education Simulated Workplace curriculum



Industry Credential:

American Fitness Professionals and Association Certification

Industry Credential:

First Aid & CPR, WV Welcome, AED, OSHA 10, Stop the Bleed

Employment Opportunities:

Personal Training Assistant, Recreational Assistant, Exercise Instructor

Program of Study: Project Lead the Way

The Pre-Engineering Program of Study focuses on a range of engineering careers and foundation knowledge including basic safety, plan reading, use of tools, and equipment as well as how to employ positive work ethics in an engineering career.

Required Courses:

1. Introduction to Engineering Design
2. Principles of Engineering
3. CIM Computer Integrated Manufacturing
4. Engineering Design/Development



- ❖ This is part of the West Virginia Department of Education Simulated Workplace curriculum

Employment Opportunities:	Aeronautical Engineer, Architectural Engineer, Survey Technician, Electronics Engineer, Computer Engineer
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Program of Study: Therapeutic Services

This program of study the student will choose a health career specialty for an in-depth study. Students will also complete an applicable clinical rotation at a local health facility. This field is in great demand within the local health community.

Required Courses:

1. Foundations of Health Sciences
2. Advance Principles of Health Sciences
3. Clinical Specialties I
4. Clinical Specialties II
 - This program is part of the West Virginia Department of Education Simulated Workplace curriculum



Industry Credential:	CPR/AED First Aid , OSHA 10
Industry Credential:	Patient Care Technician, Certified Phlebotomy Technician, EKG Certified Technician, CNA
Employment Opportunities:	Hospital, Doctor's Office, Nursing Home, Home Health, Labs, Certified Patient Care Technician, Phlebotomist, EKG Technician, Family Caregiver, Direct CareWorker

Program of Study: Sports Medicine

The Sports Medicine Program at Huntington High is the only approved state program of its kind in West Virginia. Students will be able to learn components of exercise, anatomy, and injury prevention. Emphasis is placed on the healing process of sports injuries and performance enhancement philosophies.

Required Courses:

1. Sports Medicine I and II
 2. Sports Medicine III and IV
 3. Sports Medicine V and VI
 4. Anatomy and Physiology
- ❖ This is a locally approved program of study.

Industry Credential:	American Fitness Professionals and Association Certification
Industry Credential:	American Red Cross First Aid & CPR, WV Welcome, AED
Employment Opportunities:	Personal Trainer, Exercise Instructor, First Aid, Sports Trainer

Business & Fine Arts Academy

Program of Study: Administrative Support

This program of study is for the student interested in becoming an administrative assistant, office manager, or secretary. Skills needed in this area are communication (written and oral), data processing, and evaluating productive business operations.

Required Courses:

1. Business Computer App I
2. Business Marketing Essentials

Select **two** Specialization courses

- a. Accounting Principles
- b. Business and Computer Applications II
- c. Personal Finance

❖ This program of study is part of the WVDE Simulated Workplace Curriculum.



Industry Credential:	Microsoft Office Specialist Exam (Word and PowerPoint) Microsoft Office Specialist Exam (Excel and Access)
Industry Credential:	Clerical Skills (OPAC), Computer Skills, (OPAC)
Employment Opportunities:	Administrative Aide/Assistant, Clerk Typist, Word Processor, Bookkeeper, Secretary, Customer Service Representative

Program of Study: Visual Arts

This program is a locally approved program of study focuses on preparing students with the skills necessary to succeed in a visual arts fields of work.

Required Courses:

Choose (1)

- Ceramics I
- Drawing I
- Painting I
- Digital Photography I
- Art I

Choose (3)

- Art II, III & IV
- Ceramics I, II, III, IV, V, VI
- Painting I, II, III, IV
- Drawing I, II, III, IV
- Digital Photography I, II, III, IV
- AP Art Courses

Industry Credential:	Portfolio Development is a requirement
Employment Opportunities:	Artist, business owner, graphic artist, art teacher, art gallery, game designer, architect, designer, animator

Program of Study: Performing Arts

This program of study is a locally approved pathway that focuses on preparing students with the skills necessary to succeed in a performing arts field of work such as studio musician, dancer, actor, or performer.

Performing Arts Required Courses:

Choose Any 4:

- Band I, II, III, IV
- Chorus I, II, III, IV
- Guitar I, II, III, IV
- Piano I, II, III, IV
- Show Choir I, II, III, IV
- Orchestra I, II, III, IV
- Chamber Choir I, II, III, IV
- Concert Band I, II, III, IV
- Jazz Band/Stage Band I, II, III, IV
- Dance I, II, III, IV
- Theatre I, II, III, IV
- Stagecraft I, II, III, IV
- AP or Honors Music Course
- Personal Finance
- Business and Marketing Essentials

Program of Study: Journalism and Mass Communication

This program is for those interested in print media or broadcast journalism. Students will be actively involved in creating a weekly school news program and any form of mass communication within the school.

Required Courses:

1. Journalism I
2. Broadcasting I

Choose two (2)

- Broadcasting II Journalism II Yearbook
- Communications 103 (MU Dual Credit)

- ❖ This is a locally approved program of study

Employment Opportunities:

TV Announcer, Newspaper Writer, Layout Graphics, Production Support Personnel, Writer, Blogger

Human Services Academy

Program of Study: Careers in Education

Students who are interested in careers related to childcare, pre-school teacher, and/or work in public schools or private households can begin to gain experience by selecting Careers in Education. This program involves caring for the emotional, physical, and psychological growth of children from infancy to adolescence.

Required Courses:

1. Foundation in Education
2. Student Learning, Development, and Diversity
3. Literacy Awareness
4. Seminar in Educational Practice



Credential:	ACDS from the Department of Labor (Apprenticeship for Child Development Specialist); OSHA 10; Child Development Associate (CDA); Dual credit from Marshall University or Mountwest
Employment Opportunities:	Child Care Worker, Elementary Aide, Day Care, Teacher (Elementary or Secondary)

Program of Study: Army JROTC

Huntington High School has an award-winning Army JROTC program. Students will earn leadership, citizenship, organizational skills, and self-discipline along with team building exercises. Many opportunities are given to students to participate in community service projects.

Required Courses:

1. JROTC I
2. JROTC II
3. JROTC III
4. JROTC IV



❖ This is part of the West Virginia Department of Education Simulated Workplace curriculum

Credential:	Mountwest Community and Technical College offers E.D.G.E. credit for JROTC program.
Employment Opportunities:	Leadership skills, Team building skills, Physical and Personal Fitness, Map Reading, CPR/First Aid, Military History

Program of Study: ProStart/Restaurant Management

The ProStart Restaurant Management Program of Study focuses on the skills needed for a successful employment in a restaurant environment, but has applicability for students interested in culinary nutrition, dietary services, and child nutrition services.

Required Courses:

1. Restaurant and Culinary Foundations
2. Restaurant Management Essentials
3. Advanced Principles in Food Production
4. Restaurant Professional



- ❖ This is part of the West Virginia Department of Education Simulated Workplace curriculum

Industry Credential:	Food Handler's Card, ServSafe, OSHA 10, WV Welcome
Employment Opportunities:	Cook, Waiter, Waitress, Baker, Food Service

**Cabell
County
Career
Technology
Academy**

Program of Study: Administrative Support

The Administrative Support Pathway facilitates business operations through a variety of administrative and clerical duties including information and communication management, data processing collection and project tracking.

Required Courses:

1. Business Computer Apps I
2. Business Computer Apps II
3. Business and Marketing Essentials
4. Accounting Principals



Industry Credential:	Microsoft Office Specialist Exam (Word and PowerPoint)
Industry Credential:	Microsoft Office Specialist Exam (Excel and Access)
Industry Credential:	National Center for Construction Education Research (NCCER) Certifications

Program of Study: Automotive Technology

Careers in the Automotive Technology pathway include the maintenance, repair, and servicing of vehicles and transportation facilities. All transportation relies on equipment which must function as designed. The people in this pathway keep the equipment and machinery running while looking for more efficient, safe, and cost-effective ways to do so.

Required Courses:

1. Automotive Technology MLR-1
2. Automotive Technology MLR-2
3. Automotive Technology MLR-3
4. Automotive Technology MLR-4



Industry Credential:	Automotive Service Excellence (ASE)/NATEF
Industry Credential:	National Automotive Technicians Education Foundation (NATEF)
Employment Opportunities :	Automotive Service Technicians and Mechanics; Automotive Parts, Accessories, and Tire Stores; Automobile Dealers

Program of Study: Building and Maintenance Operations

Building and Maintenance Operations teaches skills needed to maintain and renovate commercial and residential properties. Students are taught basic skills in electricity, carpentry, plumbing, heating and air conditioning maintenance.

Required Courses:

1. Building and Maintenance/Operations I
2. Building and Maintenance/Operations II
3. Building and Maintenance/Operations III
4. Building and Maintenance/Operations IV



Industry Credential:	National Center for Construction Education Research (NCCER) Certifications, OSHA 10 Safety Card
Employment Opportunities:	General maintenance/Repair Work, Property Manager, Maintenance Supervisor, Maintenance Director

Program of Study: Building Technology

This class explores the basic skill needed for carpentry and blue print reading.

Required Courses:

1. Career Exploration
2. Fundamentals of Facilities Maintenance
3. Blue Print Reading (elective)
4. Drafting Techniques (elective and **fine arts credit**)



Industry Credential:	Exploratory Course
Industry Credential:	OSHA 10 Safety Card

Program of Study: Carpentry

Carpentry students learn to construct, erect, install, and repair structures and fixtures using hand tools and power tools. The students understand local building codes and study blueprints, sketches, or building plans for information pertaining to type of material required and dimensions of structure or fixture to be fabricated.

Required Courses:

1. Carpentry I
2. Carpentry II
3. Carpentry III
4. Carpentry IV



Industry Credential	National Center for Construction Education Research (NCCER) Certifications
Industry Credential	OSHA 10 Safety Card
Employment Opportunities	Residential/Nonresidential building construction, Building finishing contractors, Foundation, structure, and building exterior contractors

Program of Study: Coding, App and Game Design

Interactive Media Pathway involves careers in creating, designing and producing interactive multimedia products and services, including development of digitally generated or computer-enhanced media used in business, training, entertainment, communications and marketing.

Required Courses:

1. Digital Imaging/Multimedia I
2. Web Page Publishing
3. Coding, App and Game Design I
4. Coding, App and Game Design II



Employment Opportunities:	Animator, Graphic Artist, Webmaster, Video Game Designer
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Program of Study: Collision Repair Technology

Students in the collision repair technology program learn to fix cars after they've been damaged in an accident or other incident. They use a wide array of tools to cut off damaged parts, connect new parts to the car, fill holes, repair scratches, dents and dings, and make the car look as good as new.

Required Courses:

1. Fundamentals of Collision Repair Technology
2. Non- Structural Analysis / Damage Repair
3. Structural Analysis / Repair
4. Surface Preparation / Refinishing



Industry Credential:	Automotive Service Excellence (ASE), National Automotive Technicians Education Foundation
Employment Opportunities:	Body Repairer and Automotive Glass Installer

Program of Study: Cosmetology

The Hair Stylist Program of Study focuses on the knowledge, skills and principles of shampooing; cut; color; and styles men and women's hair; discuss scalp and hair issues; cut and style wigs and remove unwanted hair as delineated by the WV Board of Barbers and Cosmetology

Required Courses:

1. Barbers and Cosmetology Foundations
2. Cosmetology Professional I
3. Cosmetology Professional II
4. Cosmetology Professional Advanced



Industry Credential:	OHSA 10, Shampoo Assistant, Nail Technician, Microsoft Specialist Certificate
Employment Opportunities:	Shampoo Assistant, Hair Stylist, Barber

Program of Study: Electrical Trades

Electrical technicians maintain and install motors, transformers, control instruments, lighting systems and many other different types of electrical equipment used in industrial and residential settings. Students also learn about conduit bending and installation of commercial and industrial wiring.

Required Courses:

1. Electrical Trades I
2. Electrical Trades II
3. Electrical Trades III
4. Electrical Trades IV



Industry Credential:	National Center for Construction Education Research (NCCER) Certifications
Industry Credential:	OSHA 10 Safety Card
Industry Credential:	Journeyman Electrician License**
Employment Opportunities:	Electric power generation, transmission and distribution; Residential/Nonresidential building construction; Building equipment contractors

**The Journeyman Electrician License is available to those students completing 1080 hours of instruction to include the 4 Core and 4 elective courses

Program of Study: Graphic Design

Graphic designers create visual concepts, by hand or using computer software, to communicate ideas that inspire, inform, or captivate consumers. Graphic designers are incredibly talented people who have an eye for detail and a creative mind. Their work is varied and includes creating books, newspapers, advertisements, logos, illustrations and websites, along with any other visual materials that their clients request.

Required Courses:

1. Fundamentals of Graphic Design
2. Fundamentals of Illustration
3. Graphic Design Applications
4. Illustrations



Industry Credential:	Adobe Certified Associated (flash/Photoshop)
Industry Credential:	Adobe Certified Digital Communication Skills Entry Level
Employment Opportunities:	Illustrator, Graphic Designer, Commercial Photographer, Entrepreneur

Program of Study: HVAC

When the weather outside is too hot or too cold, we rely on our Heating, Ventilation and Air Conditioning Systems to keep us comfortable. An HVAC Technician's role is to ensure that all types of HVAC devices, like refrigerators, air conditioning units, and heaters function at all times. The scope of their work includes performing diagnostics and repairing or replacing the HVAC device.

Required Courses:

1. HVAC I
2. HVAC II
3. HVAC III
4. HVAC IV



Industry Credential:	National Center for Construction Education Research (NCCER) Certifications
Industry Credential:	OSHA 10 Safety Card
Employment Opportunities:	HVAC Technician, HVAC Installation or Repair, Refrigeration Technicians

Program of Study: Law and Public Safety

The role of a law enforcement officer is to protect the lives and property of those under his or her jurisdiction, as well as help keep the public safe. This career can involve many tasks, including directing traffic, patrolling areas for suspicious activity and investigating criminal behavior.

Required Courses:

1. Fundamentals of Public Safety Leadership
2. Ethical Issues in Public Safety
3. Practical Application of Public Safety
4. Seminar in Law Enforcement



Industry Credential:	Certified Criminal Justice Professional - courses plus work exp. (WV credential with international reciprocity)
Industry Credential:	American Red Cross First Aid & CPR, Stop the Bleed
Industry Credential:	OSHA 10 Safety Card, NIMs
Employment Opportunities:	Police Officer, Correctional Officer, Security Guard, Emergency Management Specialist, Legal or Court Officer, Law Office Assistant

Program of Study: Machine Tool Technology

A machinist is a skilled craftsman who is able to convert metal, plastic, and other engineering materials into useful products with great precision. Students work from blueprints and written specifications to select the proper machinery, materials, and tools, and gain proficiency with machine tools such as lathes, mills, grinders, computers, and computerized numerical control (CNC) machines.

Required Courses:

1. Fundamentals of Machine Tool Technology
2. Fundamentals of Machine Processes
3. Machine Tool Operations
4. Metal Trades Processes and Applications



Industry Credential:	National Institute for Metalworking Skills (NIMS)
Employment Opportunities	Tool Setter, Operator, Maintenance Machinist

Program of Study: Welding

Welding is the process of heating and melting metal parts to join them together permanently. Students involved in the welding program will learn to join, fabricate, and repair metal and other weld able materials by applying appropriate welding techniques. A welder interprets blueprints, specifications, diagrams or schematics to determine the appropriate welding process. They also inspect completed welds to determine structural soundness.

Required Courses:

1. Welding I
2. Welding II
3. Welding III
4. Welding IV



Industry Credential:	American Welding Society (AWS), WV Welders Certification, NCCER Certifications
Industry Credential:	WV Welders Certification
Industry Credential:	National Center for Construction Education Research (NCCER) Certifications
Employment Opportunities:	Welder, Cutter, Solderer, Brazier

Huntington High School Course Descriptions

Global Electives 2021-2022

Global Electives 2021-2022			
Health/PE		World Languages	
Health		French I, II, IIIH, IVH	
Physical Education		Latin I, II, IIIH, IVH	
PE/Weight training I, II, III		Spanish I, II, IIIH, IV DC	
Advanced PE		Computer Science	
Driver's Ed (only with driver's permit)		Computer Science, Modern World, AP	
First Aid, CPR, and Safety		Apple Tech	
Family and Consumer Sciences		Health Sciences	
Baking & Pastry I		Medical Terminology	
Parenting and Strong Families			
Visual Arts		Performing Arts	
Art I, Art II, Art III, Art IV	Guitar I, II, III, IV	Chorus I, II, III, IV	
Digital Photography I, II, III, IV	Piano I, II, III, IV	Chamber Choir I, II, III, IVH	
Ceramics I, II, III, IV, V, VI	Orchestra I, II, III, IVH	Show Choir I, II, III, IVH	
Drawing I, II, III, IV	Concert Band I, II, III, IV	Dance I, II, III, IV	
Painting I, II, III, IV	Marching Band I, II, III, IV	Theater I, II, III, IVH	
AP Art History	Jazz Band I, II, III, IV	Stagecraft I, II, III	
AP Art Studio	Percussion Ensemble	Brass Ensemble	
Printmaking/ stain glass	Woodwind Ensemble		
English		Science	Social Studies
Creative Writing I, II		Astronomy	Geography
Debate IH, IIH, IIIH, IVH		Herpetology	Economics
Speech and Oral Communications		GIS Geographic Information Systems- Dual Credit	Psychology
Journalism I		Science Olympiad	Sociology
Broadcast Journalism I, II, III, IV		Zoology	AP Human Geography
Mythology		Business	AP European History
ACT/SAT Prep		Personal Finance	AP Psychology
Yearbook		Business and Marketing Essentials	Math
Communications 103		Business Computer Apps I, II	ACT/SAT Prep

Aerospace Engineering

Aerospace Engineering I

Grade Level: 9, 10, 11, 12

This course is designed to prepare students for careers and further study in aerospace technologies and related industries. Students apply fundamental concepts and principles of atmospheric flight to authentic situations. Emphasis is placed on the propulsion systems, ballistic projectiles, and airplane wing design. This is an Honors Course. *This course is offered as a block only.*

Aerospace Engineering II

Grade Level: 9, 10, 11, 12

This course is designed to deepen students' preparation for careers and further study in aerospace technologies and related industries. Students apply advanced principles and theories of flight to authentic projects related to atmospheric and space flight. Emphases is placed on pneumatic projectiles, aerodynamic forces, and quality management. This is an Honors Course. *This course is offered as a block only.*

Prerequisite: Aerospace Engineering I

AC Aerospace Engineering III

Grade Level: 10, 11, 12

A one credit course that allows students to further enhance their knowledge of space through a series of projects that include in-depth research, concept application, and prototype development. Students will develop a capstone project and defend the development before a selected audience. *This course is offered as a block only.*

Prerequisite: Successful completion of AC Aerospace Engineering I & II.

AC Aerospace Engineering IV

Grade Level: 10, 11, 12

A one credit course that allows students to further enhance their knowledge of space through a series of projects that include in-depth research, concept application, and prototype development. Students will develop a capstone project and defend the development before a selected audience. *This course is offered as a block only.*

Prerequisite: Successful completion of AC Aerospace Engineering I, II, & III.

Army Junior Reserve Officers Training Corps

AJROTC - Leadership Education and Training I (LET I)

Grade Level: 9, 10, 11, 12

This course is designed to prepare students for leadership roles while making them more aware of citizenship, learning methods, and overall self-awareness. Student learn and apply the following blocks of instruction in a hands-on learning environment: citizenship, purpose and history of JROTC, personal appearance and uniform, American Military Traditions and Customs, etc.

AJROTC - Leadership Education and Training II (LET 2)

Grade Level: 10, 11, 12

This course is designed to provide students with essential leadership skills by placing them in team level leadership positions in a classroom environment. Students learn and apply the following blocks of instruction in a hands-on environment: Achieving a healthy lifestyle, first-aid, drug awareness, map reading skills, citizenship skills, foundations of the Democracy, and continued service learning.

Prerequisite: LET I

AJROTC - Leadership Education and Training III (LET 3)

Grade Level: 11, 12

This course is designed to provide students with essential leadership skills by placing them in mid-level leadership positions in a classroom environment. Students learn and apply the following blocks of instruction in a hands-on learning environment: Basic staff principles, leadership strategies, leading others, presenting skills, managing conflict, career planning, social responsibility, etc.

Prerequisite: LET II

AJROTC - Leadership Education and Training IV (LET 4)

Grade Level: 12

This course is designed to maximize students' leadership abilities by placing them in upper level leadership positions in a classroom environment. Students learn and apply the following blocks of instruction in a hands-on learning environment: Citizenship in action, leadership principles, power bases and influence, styles of leadership, management skills, communication skills, etc.

Prerequisite: LET III

AJROTC -Leadership Education and Training IV

Grade Level: 9, 10, 11, 12

Cadets must have successfully completed LET III and be approved by the SAI. Most LET IV cadets hold senior leadership positions in the cadet battalion. Students who complete LET I-IV are also eligible for five hours of E.D.G.E. credits. Students who complete LET I-IV are eligible for three hours credit from MCTC for Military Science 110. There is a fee for dual enrollment courses.

Prerequisite: LET III

AJROTC Junior Summer Leadership School

Grade Level: 9, 10, 11, 12

The JROTC “Junior” Summer School program is conducted at an available military installation by the Senior ROTC instructors.

Prerequisite: LET I and Leadership Education I

Art

Advanced Placement Art History

Grade Level: 10, 11, 12

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.

Advanced Placement Studio Art

Grade Level: 10, 11, 12

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 art courses

Art I

Grade Level: 9, 10, 11, 12

Basic introduction to the visual arts with multiple mediums including, but not limited to drawing, painting, print making, scratch boards, and more.

Art II

Grade Level: 10, 11, 12

This course is a continuation of Art I, with exploration and an in-depth study of additional media. Students will develop creative thinking and problem-solving skills.

Prerequisite: Art I

Art III

Grade Level: 11, 12

Study of techniques and skills necessary for success in advanced problems and projects.

Prerequisite: Art II

Art IV

Grade Level: 12

Specialized visual art class. Students will be required to compile a portfolio of individual work and present an exhibit.

Prerequisite: Art III

Ceramics/Pottery I

Grade Level: 10, 11, 12

Includes basic methods of hand building and wheel-thrown pottery and glazing techniques. *This course is offered as a block only.*

Ceramics/Pottery II

Grade Level: 10, 11, 12

Continuation of Ceramics I with an emphasis on developing basic ceramic techniques. *This course is offered as a block only.*

Prerequisite: Ceramics/Pottery I

Ceramics/Pottery III

Grade Level: 11, 12

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. *This course is offered as a block only.*

Prerequisite: Ceramics/Pottery II

Ceramics/Pottery IV

Grade Level: 11, 12

This is a continuation of Ceramics III. It will concentrate on in-depth study and experimentation with wheel throwing and/or large hand-built pieces. *This course is offered as a block only.*

Prerequisite: Ceramics/Pottery III

Ceramics/Pottery V

Grade Level: 12

This is a continuation of Ceramics IV. It will concentrate on in-depth study and experimentation with wheel throwing and/or large hand-built pieces. *This course is offered as a block only.*

Prerequisite: Ceramics/Pottery IV

Ceramics/Pottery VI

Grade Level: 12

This is a continuation of Ceramics V with an emphasis on building a body of work within a concentration. *This course is offered as a block only.*

Prerequisite: Ceramics/Pottery V

Digital Photography I

Grade Level: 9, 10, 11, 12

Basic camera and printing techniques will be explored with an emphasis on experimentation to achieve creative images. Adobe Photoshop will be emphasized in this class.

Digital Photography II

Grade Level: 10, 11, 12

This is an in-depth and individualized study of creative photography, using Adobe Photoshop.

Prerequisite: Digital Photography I

Digital Photography III

Grade Level: 11, 12

This is a continuation of Digital Photography II.

Prerequisite: Digital Photography II

Digital Photography IV

Grade Level: 12

This is continuation of Digital Photography III.

Prerequisite: Digital Photography III

Drawing I

Grade Level: 9, 10, 11, 12

Includes basic drawing instruction involving perspective, shading, composition, etc. Media may include, but will not be limited to, pencil, ink, wash, pastel, scratch board, and transfer.

Drawing II

Grade Level: 10, 11, 12

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

Prerequisite: Drawing I

Drawing III

Grade Level: 11, 12

Continuation of Drawing II.

Prerequisite: Drawing II

Drawing IV

Grade Level: 12

Continuation of Drawing III.

Prerequisite: Drawing III

Painting I

Grade Level: 9, 10, 11, 12

Learning various techniques and styles in the use of tempera, watercolor, ink wash, acrylics, etc. A good drawing background is beneficial. Many individual works will be completed. Students may need to furnish canvas for painting.

Painting II

Grade Level: 10, 11, 12

Develop intermediate-level perceptual, observational, and compositional skills necessary to communicate a range of subject matter, symbols, ideas, and concepts. Students may need to furnish canvas for painting.

Prerequisite: Painting I

Painting III

Grade Level: 11, 12

Continuation of Painting II.

Prerequisite: Painting II

Painting IV

Grade Level: 12

Continuation of Painting III.

Prerequisite: Painting III

Printmaking/Stained Glass 1

Grade Level: 11, 12

Various techniques in print making and stain glass will be explored.

Prerequisite: Teacher permission.

Business/Marketing

Business and Marketing Essentials

Grade Level: 9, 10, 11, 12

This course is an introduction course that explores careers in business and marketing, the role of marketing in today's business world and a broad overview of economics. This course emphasizes personal interaction with the business world, economy, advertising, and marketing.

Business Computer Applications I

Grade Level: 9, 10, 11, 12

This course is designed to develop student understanding and skills in such areas as Microsoft Word and Microsoft PowerPoint. This course prepares students for the Microsoft Word Specialist Exam and for the Microsoft PowerPoint Office Specialist Exam.

Business Computer Applications II

Grade Level: 10, 11, 12

This course is designed to develop student understanding and skills in such areas as Microsoft EXCEL and Microsoft Access. This course prepares students for the Microsoft EXCEL Specialist Exam and for the Microsoft Access Office Specialist Exam

Prerequisite: Business Computer Applications I

Personal Finance

Grade Level: 10, 11, 12

This course is designed to develop student understanding and skills in such areas as money management, budgeting, financial goal attainment, credit, insurance, investments and consumer rights and responsibilities.

Computer Science

Apple Tech

Grade Level: 10, 11, 12

Students will use Apple devices to assist their peers and teachers with essential daily tasks. This class requires an extensive knowledge of Apple devices and apps. You must submit an application to the supervising teacher.

Computer Science in the Modern World

Grade Level: 10, 11, 12

This course is designed to expose all students to the interdisciplinary nature of computer science in today's dynamic and globally connected society. In this course, students will learn to use computational thinking to develop algorithmic solutions to real-world problems. Students will learn and use a programming language(s) and related tools, as well as appropriate collaboration tools, computing devices, and network environments.

Advanced Placement Computer Science Principles

Grade Level: 10, 11, 12

This course is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing. Students are required to complete the AP projects and take the AP Computer Science Principles exam at the end of this course.

Prerequisite: Algebra I recommended

Advanced Placement Computer Science A

Grade Level: 10, 11, 12

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures. Students are required to take the AP Computer Science A exam at the end of this course.

Prerequisite: AP Computer Science Principles recommended

Dance

Dance I

Grade Level: 9, 10, 11, 12

Designed for students who have an interest in learning different dance styles. Basic dance skills, various dance styles, and choreography will be included, as well as dance history. Physical education credit available upon successful completion of the class and the integrated PE online course.

Dance II

Grade Level: 10, 11, 12

Continuation of Dance I. Designed for students who have an interest in dance training. Basic dance skills, various dance styles, and choreography will be included, as well as dance history.

Prerequisite: Dance I

Dance III

Grade Level: 11, 12

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

Grade Level: 12

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

Prerequisite: Dance III

Driver Education

Driver Education

Grade Level: 11, 12

This course consists of fifty 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" (70%) in both the classroom & the vehicle. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Learner's Permit

English/Language Arts

ACT/SAT Prep: English and Reading

Grade Level: 10, 11, 12

The students will prepare for pre-college testing with a combination of independent and group study. This course is designed for the high school student who wishes to refresh their English and reading skills necessary to score well or improve on the ACT/SAT. *This course is a 0.5 credit course for only 1 semester.*

AP English Language and Composition

Grade Level: 11

College-level course which develops close-reading and analytical skills of primarily nonfiction prose and participate in intensive writing workshops for academic writing and reading, including rhetorical analysis, argumentation, and research writing. Obtain college English credit and/or advanced placement in college by scoring a 3 or higher on the Advanced Placement exam.

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

AP English Literature and Composition

Grade Level: 12

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

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

Communications 103 (Dual Credit Course)

Grade Level: 11, 12

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. Fulfills the oral communication (speech) requirement for Marshall University and an elective speech course at WVU. It does not require an AP exam. Students must have a 3.00 GPA to receive college credit.

Creative Writing

Grade Level: 9, 10, 11, 12

Designed for high achieving students who like to write original fiction, nonfiction, and/or poetry. Instruction focuses on the study and utilization of models of writing as a basis for students' original writing. Elective course.

Creative Writing II

Grade Level: 10, 11, 12

Designed for high achieving students who have completed Creative Writing I. Instruction focuses on the development of a multi-genre portfolio, collaborating and communicating with literary publishers, facilitating. Designing, and publishing a student lead online literary magazine. Elective Course.

Prerequisite: Creative Writing I

Debate I (Honors)/Forensics

Grade Level: 9, 10, 11, 12

Learn the fundamentals of argumentation by research and discussion. Students will learn to create briefs and debate resolutions in team style. Students will compete in events in Speech and/or Debate. They will travel to tournaments in West Virginia and across the country especially the South.

Debate II Honors/Forensics

Grade Level: 10, 11, 12

Engage in intensive research of the National Debate topic and will explore a variety of debate formats. Students will compete in events in Speech and/or Debate. They will travel to tournaments in West Virginia and across the country especially the South.

Prerequisite: Debate I

Debate III Honors/Forensics

Grade Level: 11, 12

Engage in intensive research of the National Debate topic and will explore a variety of debate formats. Students are expected to participate on the debate team. Students will compete in events in Speech and/or Debate. They will travel to tournaments in West Virginia and across the country especially the South.

Prerequisite: Debate II

Debate IV Honors/Forensics

Grade Level: 12

Engage in intensive research and case development of the national debate topic in which a variety of formats will be explored. Students are expected to participate on the debate team. Students will compete in events in Speech and/or Debate. They will travel to tournaments in WV and across the country especially the South.

Prerequisite: Debate III

English 10

Grade Level: 10

Integrated study of language arts, including literature, grammar, usage, mechanics, and composition designed for high school sophomores with an emphasis on the forms of literature.

Prerequisite: English 9

English 10 Honors

Grade Level: 10

Accelerated sophomore level English course RECOMMENDED for students planning to take advanced placement courses. Starting with a prerequisite summer reading program, there will be an integration of the study of American Literature with the process of writing.

Prerequisite: "B" or higher in English 9 Honors

English 11

Grade Level: 11

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 12

Grade Level: 12

Integrated study of language arts, including literature, grammar, usage, mechanics, research, composition, and oral communication designed for high school seniors. An emphasis will be placed upon American Literature and rhetorical modes.

Prerequisite: English 11

Technical English 12

Grade Level: 12

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.

English 101/201 (Dual Credit Course)

Grade Level: 12

Students enrolling in this class may apply to Marshall University if they have a transcript showing a cumulative 3.0 grade point average (on a 4.0 scale) and letters of recommendation. Dual Enrollment English is a writing and literature course that focuses on types of academic reading and discourse. This course will also transfer to MCTC.

Prerequisite: A score of 18 on the English component of the ACT or a 480 on the EBRW on the SAT, 3.0 cumulative GPA, and English 11

Journalism I

Grade Level: 9, 10, 11, 12

Introduces the history, ethics, and journalistic writing, with a 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. This course's goal is to teach students the background of journalism. They also get experience in newspaper writing and layout, broadcast news writing and construction of stories and yearbook page photography and layout.

Prerequisite: "C" or better in English

Broadcast Journalism I

Grade Level: 10, 11, 12

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

Broadcast Journalism II

Grade Level: 11, 12

Designed to give extended experience in front of the camera and to expand training in the use of studio equipment with emphasis placed upon the portable equipment. As a team, the students will cooperatively write, produce, and present a weekly video news magazine for the student body.

Prerequisite: Broadcast Journalism I

Broadcast Journalism III

Grade Level: 12

Continuation of Broadcast Journalism II.

Prerequisite: Broadcast Journalism II

Mythology

Grade Level: 9, 10, 11, 12

Elective course designed to introduce students of any grade to the basic concepts of Greek, Roman, Norse, and Egyptian mythology.

Speech/Oral Communication

Grade Level: 10, 11, 12

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

Grade Level: 10, 11, 12

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

Careers in Education

Foundation in Education

Grade Level: 9, 10, 11, 12

Students begin their introduction to a college career in education. An emphasis is placed on National and State standards as well as the importance of educators working closely with students, the school, and the community. *This course is offered as a block only.*

Student Learning, Development, and Diversity

Grade Level: 9, 10, 11, 12

Students discover how heredity and environment play an important role in a child's life as well as recognizing the different areas of human growth and how to identify the processes involved in each area. *This course is offered as a block only.*

Prerequisite: Foundations of Education

Literacy Awareness

Grade Level: 10, 11, 12

Elementary – Specialized area – students are introduced to children's literature, showcasing the various types of book styles available and the different writing styles often found in children's books. **Out of classroom internship required**

Secondary – Specialized area – students are introduced to secondary content area literacy and focus on grammar, vocabulary, writing, study skills and how to effectively develop literacy skills. Students review measuring textbook readability and individual student reading levels. **Out of classroom internship required**

Prerequisite: Foundations of Education & Student Learning, Development, and Diversity. *This course is offered as a block only.*

Teacher Preparation

Grade Level: 10, 11, 12

Students discuss the role of the teacher within the classroom and many areas of concern within the classroom today. The focus is on teacher professionalism including personal conduct, lesson plans and proper interviewing for a job. *This course is offered as a block only.*

Prerequisite: Student Learning, Development, and Diversity and Literacy Awareness.

Parenting & Strong Families

Grade Level: 9, 10, 11, 12

Designed to help students evaluate readiness for parenting while examining appropriate Parent and Strong Families practices. *This course is offered as a block only.*

Pro-Start / Restaurant Management

Baking and Pastry I

Grade Level: 9, 10, 11, 12

This course will educate students on the basics of the industry. This course starts with teaching students about the various ingredients used for baking and pastry arts and how these ingredients react to each other to make products. *This course is offered as a block only.*

Restaurant and Culinary Foundations

Grade Level: 10, 11

This course focuses on the basic preparation and service of safe food, basic introduction to industry safety standards, basic introduction to restaurant equipment, kitchen essentials in knife skills, stocks and sauces, and communication concepts in the restaurant industry. *This course is offered as a block only.*

Restaurant Management Essentials

Grade Level: 10, 11

This course is designed to focus management essentials in the restaurant industry, guest service, food production, and career exploration and pursuit. *This course is offered as a block only.*

Advanced Principles of Food

Grade Level: 11, 12

This course is designed to be a continuation of Restaurant Management Essentials and is designed to focus on nutrition, operational costs, and marketing, breakfast, sandwiches, salads, meats, desserts, and global cuisine. *This course is offered as a block only.*

Restaurant Professional

Grade Level: 11, 12

This course is designed to focus on menu management, marketing, meat/poultry/seafood, lodging, tourism, and customer service. Nationally recognized certification is available upon completing final exams with 70% and completing a work experience component. *This course is offered as a block only.*

Health

First Aid, CPR, Safety

Grade Level: 10, 11, 12

Teaches the essentials of First Aid, CPR, and safety. Those who successfully complete this course will have the opportunity to take a test leading to Red Cross Certification. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: High School Health

High School Health

Grade Level: 9, 10, 11, 12

Develops knowledge, attitudes, values, and skills concerning issues of particular concern during adolescence that affect personal health and wellness.

Available as a block or yearlong class.

Sports Medicine I

Grade Level: 10, 11, 12

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. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: High School Health

Sports Medicine II

Grade Level: 10, 11, 12

Designed to expand on Sports Medicine I. There are a minimum of thirty hours of clinical experience in which students personally observe a qualified individual participating in the sports medicine profession after school. This course has a concentration in Emergency Response Medicine. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Sports Medicine I

Sports Medicine III (Honors)

Grade Level: 11, 12

Further expands the clinical learning experience of Sports Medicine II. This course has a concentration in tissue response to injury and advanced CPR. Students must complete a minimum of thirty hours of clinical experience. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Sports Medicine II

Sports Medicine IV (Honors)

Grade Level: 11, 12

Furthers expand the clinical learning experience of Sports Medicine III with a concentration in rehabilitation. Students must complete a minimum of thirty hours of clinical experience. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Sports Medicine III

Sports Medicine V

Grade Level: 12

Continuation of Sports Medicine IV with a concentration on the upper body. Students must complete a minimum of thirty hours of clinical experience. Course is available as a dual credit course through Marshall University. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Sports Medicine IV

Sports Medicine VI

Grade Level: 12

Continuation of Sports Medicine V with a concentration of the lower body. Students must complete a minimum of thirty hours of clinical experience. Course is available as a dual credit course through Marshall University. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Sports Medicine V

Health Sciences

Foundations of Health Science

Grade Level: 10, 11

The content of this course will focus on areas such as medical terminology, human growth and development, CPR/AED/First Aid, infection control/prevention of disease transmission and other relevant healthcare topics. *Available as a block or yearlong course.*

Prerequisite: 9th grade or higher reading level

Advanced Principles of Health Science

Grade Level: 11

Instructional content will focus on occupational and patient safety, ethical issues, legal responsibilities, diseases and disorders, math for medications, communication skills, and other healthcare processes and procedures. *Available as a block or yearlong course.*

Prerequisite: 9th grade or higher reading and math level; 80% in Foundations of Health Science

Clinical Specialty I

Grade Level: 12

The content of this course will focus career-specific content related to established credentials and/or industry validation. Required clinical rotation hours for specific certification requirements will be pursued during this class.

This course is offered as a block only.

Prerequisite: 80% in Foundations of Health Science, and 80% in Advanced Principles of Health Science; completion of summer assignments.

Clinical Specialty II

Grade Level: 12

Follows Clinical Sp. I. *This course is offered as a block only.*

Prerequisite: 80% in Clinical Specialty I

Medical Assistant Laboratory and Diagnostic Procedures

Grade Level: 12

The content of this course will focus on an introduction to the medical laboratory, safety, principles of disease transmission and prevention, as well as medical and surgical asepsis. Students will obtain the knowledge and skills necessary to assist and/or perform basic laboratory and diagnostic procedures. *This course is offered as a block only.*

Prerequisite: 9th grade or higher reading level; higher level math, higher level science, 80% in PTCB Preparation Course

Medical Assistant Clinical

Grade Level: 12

The content of this course will focus on clinical procedures utilized within medical offices. Major components include emergency medical care, physical exam, basic pharmacology and administration of medication. Students will focus upon employability strategies and career development necessary for successful employment. Students will participate in a work-based clinical externship within a medical office or equivalent health care facility.. *This course is offered as a block only.*

Prerequisite: 9th grade or higher reading level; higher level math, higher level science, 80% in Foundations of Health Science, 80% in Advanced Principles

Medical Terminology

Grade Level: 11, 12

The content of this course will introduce the student to the language of medicine. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the human body utilizing a systems approach.

Prerequisite: 9th grade or higher reading level

Mathematics

ACT/SAT Prep

Grade Level: 11, 12

Designed for the high school 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. *This course is a 0.5 credit course for only 1 semester.*

Advanced Math Modeling Math 121B (Dual Credit)

Grade Level: 11, 12

Primary focal points 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.

Prerequisite: Algebra II

Advanced Placement Calculus AB

Grade Level: 11, 12

This course meets for a block both semesters for two credits and receives honors credit. The course will cover differential and integral calculus. *This course is offered as a yearlong block only.*

Prerequisite: Pre-Calculus and Trigonometry

Advanced Placement Calculus BC

Grade Level: 11, 12

This course is a continuation of AP Calculus AB. It includes more applications of differentials, convergence and divergence. *This course is offered as a yearlong block only.*

Prerequisite: AP Calculus AB

Advanced Placement Statistics

Grade Level: 11, 12

This course includes but is not limited to probability and descriptive statistics with an introduction to inferential statistics.

Prerequisite: Algebra II Honors or higher

Algebra II

Grade Level: 9, 10, 11

Students in this course will build on their work with linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, radical functions.

Algebra II Honors

Grade Level: 9, 10, 11

Students in this course will build on their work with linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, radical functions. The topics in this course will be explored to a greater depth.

Prerequisite: Geometry Honors

Available as a block or a yearlong course

Applied Statistics

Grade Level: 12

Applied Statistics provides authentic experiences in statistics designed to strengthen students' application of the statistical method. Students will conduct statistical simulations to model everyday situations in an increasingly data-rich world. Students in this course will select appropriate graphical and numerical methods to explore data, design and implement a plan to collect and analyze data, and use probability to evaluate outcomes and make decisions.

Financial Algebra/Mathematics

Grade Level: 11, 12

Students in this course will focus on financial applications designed to deepen and extend understanding of mathematics. This course can be taken in place of Algebra 2, if the student is not planning on attending a 4-year college. *This course is not NCAA approved.*

Geometry

Grade Level: 9, 10

Students in this course will explore complex geometric situations and relationships, moving towards formal mathematical arguments.

Prerequisite: Algebra I

Geometry Honors

Grade Level: 9, 10

Students in this course will explore complex geometric situations and geometric relationships, moving towards formal mathematical arguments. These topics will be explored in a greater depth.

Prerequisite: Algebra I Honors

Available as a block and yearlong course.

Pre-Calculus

Grade Level: 11, 12

This course will take an extensive look at the relationships among complex numbers, vectors, and matrices.

Pre-Calculus Honors

Grade Level: 11, 12

This course will take an extensive look at the relationships among complex numbers, vectors, and matrices. *Available as a block and yearlong course.*

Math 127 Dual Credit (Pre-Calculus)

Grade Level: 11, 12

This course will take an extensive look at the relationships among complex numbers, vectors, and matrices.

Prerequisite: ACT Math score 19 or higher or a 500 in Math on the SAT

Transition Mathematics for Seniors

Grade Level: 12

This course prepares students for an entry-level credit bearing liberal studies mathematics course at the post-secondary level. *This course is not NCAA approved.*

Trigonometry

Grade Level: 11, 12

Students in this course will study relationships involving lengths of sides and angles of triangles.

Trigonometry Honors

Grade Level: 11, 12

Students in this course will study relationships involving lengths of sides and angles of triangles. *Available as a block and yearlong course.*

Math 122 Dual Credit (Trigonometry)

Grade Level: 11, 12

Students in this course will study relationships involving lengths of sides and angles of triangles. Students will earn three hours' credit from Marshall University or WV State. *Available as a block and yearlong course*

Prerequisite: ACT Math score 22 or higher, or SAT Math score 520 or higher

Music

Brass Ensemble

Grade Level: 9, 10, 11, 12

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

Co-requisite: Marching Band (Semester 1) & Concert Band (Semester 2)

Chorus I

Grade Level: 9, 10, 11, 12

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

Grade Level: 10, 11, 12

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

Prerequisite: Chorus I

Chorus III

Grade Level: 11, 12

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

Prerequisite: Chorus II

Chorus IV

Grade Level: 12

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

Prerequisite: Chorus III

Concert Band I

Grade Level: 9,10,11, 12

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. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Marching Band first semester

Concert Band II

Grade Level: 10, 11, 12

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. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Marching Band first semester

Concert Band III

Grade Level: 11, 12

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.

This course is a 0.5 credit course for only 1 semester.

Prerequisite: Marching Band first semester

Concert Band IV

Grade Level: 12

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.

This course is a 0.5 credit course for only 1 semester.

Prerequisite: Marching Band first semester

Guitar I

Grade Level: 9, 10, 11, 12

Music reading, open chords, strums, and melody are introduced. Classic and folk styles are taught. Beginners only. Acoustic guitar must be supplied by the student. *This course is a 0.5 credit course for only 1 semester.*

Guitar II

Grade Level: 9, 10, 11, 12

Continuation of Beginning Guitar and will introduce Barre chords using common progressions. Acoustic guitar must be supplied by the student.

This course is a 0.5 credit course for only 1 semester.

Prerequisite: Guitar I

Guitar III

Grade Level: 10, 11, 12

Students will learn the basic elements of song composition and use multitrack recording, when available, to reinforce and exemplify their comprehension and application of skills learned. Acoustic guitar must be supplied by the student *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Guitar I

Jazz Ensemble/Stage Band

Grade Level: 9, 10, 11, 12

Different styles of jazz music will be studied in preparation for performance throughout the school year. The stage band plays for various civic and school activities as well as jazz festivals.

Co-requisite: Marching Band (Semester 1) & Concert Band (Semester 2)

Marching Band

Grade Level: 9, 10, 11, 12

Open to all students who play a band instrument and are interested in performing at games, parades, and marching contests. Any auxiliary groups such as flag corps or dance team must take this class. Participants must be available for band rehearsals during the summer and after-school rehearsals through the year. FALL SEMESTER. Physical education credit available upon successful completion of the class and the integrated PE online course. *Prerequisite:* Permission from teacher.

Orchestra I

Grade Level: 9, 10, 11, 12

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

Grade Level: 10, 11, 12

The 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.

Prerequisite: Orchestra I

Percussion Ensemble

Grade Level: 9, 10, 11, 12

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.

Co-requisite: Marching Band (Semester 1) & Concert Band (Semester 2)

Piano I

Grade Level: 9, 10, 11, 12

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. *This course is a 0.5 credit course for only 1 semester.*

Piano II

Grade Level: 9, 10, 11, 12

Continuation of Piano I. Piano II is open to intermediate and advanced students.
This course is a 0.5 credit course for only 1 semester.

Prerequisite: Piano I

Piano III

Grade Level: 10, 11, 12

Continuation of Piano II. Students will learn to accompany an ensemble and explore compositions. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Piano II

Piano IV

Grade Level: 10, 11, 12

Continuation of Piano III. Students will extend their playing, sight reading, and accompany an ensemble with a more demanding repertoire. Transposition is introduced. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: Piano III

Show Choir I

Grade Level: 9, 10, 11, 12

Upper level advanced choral performance ensemble; open to all students with instructor permission. Physical education credit available upon successful completion of the class and the integrated PE online course.

*After school practices are a requirement. *

Prerequisite: Students will be given an audition the first 3 days of school that will determine who made the ensemble.

Show Choir II

Grade Level: 10, 11, 12

Upper level advanced choral performance ensemble

After school practices are a requirement.

Prerequisite: Show Choir I

Show Choir III

Grade Level: 11, 12

Upper level advanced choral performance ensemble;

After school practices are a requirement.

Prerequisite: Show Choir II

Show Choir IVH

Grade Level: 12

Upper level advanced choral performance ensemble

After school practices are a requirement.

Prerequisite: Show Choir III

Chamber Choir I

Grade Level: 9, 10, 11, 12

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 of class time practices and performances required.

Prerequisite: Successful audition and permission of the teacher

Chamber Choir II

Grade Level: 10, 11, 12

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 of class time practices and performances required.

Prerequisite: Chamber Choir I

Chamber Choir III

Grade Level: 11, 12

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 of class time practices and performances required.

Prerequisite: Successful audition and permission of the teacher

Chamber Choir IVH

Grade Level: 12

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

Prerequisite: Chamber Choir III

Woodwind Ensemble

Grade Level: 9, 10, 11, 12

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

Co-requisite: Marching Band (Semester 1) & Concert Band (Semester 2)

Personal Fitness and Wellness Training

Foundations of Wellness

Grade Level: 10, 11

Wellness concepts integrating mind, body and spirit; physical and emotional; common conditions requiring wellness strategies; scope of practice; the differences between fitness and wellness; assessments; motivational theories, principles and techniques; working with medical and allied professionals; and the development of a personal wellness foundation. Fall Semester *This course is offered as a block only.*

Models of Wellness Training

Grade Level: 10, 11

Present components of various wellness models and theories for the application of wellness coaching with different populations and settings. Students are encouraged to become active members of the student organization HOSA. *This course is offered as a block only.*

Prerequisite: Foundations of Wellness

Personal Trainer/Wellness Coaching

Grade Level: 11, 12

A continuation of coaching models and interventions with the addition of client/customer interactions, goal setting, management of progress and accountability. *This course is offered as a block only.*

Prerequisite: Models of Wellness

Practical Applications of Wellness Training

Grade Level: 11, 12

Combined with a few additional courses, it can lead to an Exercise Science Certificate, which may also help prepare students to take the national certification exams for personal trainers. Students will engage in various environments with individuals, families, school-aged children and organizations in the community to promote holistic wellness. *This course is offered as a lock only.*

Prerequisite: Personal Trainer/Wellness Coaching

Physical Education

High School Physical Education

Grade Level: 9, 10, 11, 12

Required for graduation, recommended for 9th and 10th grade students, and must be completed before enrollment in any physical education elective. Plan of physical activity which introduces the following: Life Fitness, Conditioning & Weight Training, Leisure & Recreation, & Fitness & Conditioning. *This course is offered as a Block and Yearlong.*

Advanced Physical Education

Grade Level: 10, 11, 12

Competition-based with a focus on flag football, basketball, softball, ultimate Frisbee, badminton, tennis, pickle ball, volleyball, team handball, bowling, table tennis, billiards, kickball, and other sports. Students will be expected to demonstrate rules, procedures, strategy, and officiate each sport.

Prerequisite: High School PE

Physical Education/Weight Training I

Grade Level: 9, 10, 11, 12

Physical Education course with an emphasis on weightlifting. Students will learn and practice proper weight lifting techniques and cardiovascular conditioning.

Weight Training II

Grade Level: 10, 11, 12

Students will learn and practice proper weightlifting techniques.

Prerequisite: High School PE/Weight Training I

Weight Training III

Grade Level: 11, 12

Students will learn and practice proper weightlifting techniques.

Prerequisite: Weight Training II

Project Lead the Way (Pre-Engineering)

Introduction to Engineering Design

Grade Level: 9, 10, 11, 12

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

Grade Level: 10, 11, 12

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

Computer Integrated Manufacturing

Grade Level: 10, 11, 12

Computer Integrated manufacturing is a specialized course which teaches the fundamentals of computerized manufacturing technology. It builds on the solid-modeling skills developed in the Introduction to Engineering Design course. Students use 3-D computer software to solve design problems, assessing their solutions through the relationship of design, function and materials, modify their designs, and use prototyping equipment to produce 3-D models.

Prerequisite: Introduction to Engineering Design

Engineering Design and Development

Grade Level: 11, 12

Engineering research course in which students will work in teams to research, design, test, and construct a solution to an open-ended engineering problem.

Prerequisite: Introduction to Engineering Design, Principles of Engineering, and Computer Integrated Manufacturing

Science

Advanced Placement Biology

Grade Level: 11, 12

AP Biology is equivalent to introductory college biology for science and health care majors. Meets every day for 90 minutes for two credits. Laboratory science credit for college admission. *This course is offered as a block yearlong only.*

Prerequisite: Biology with a "B" or higher

Advanced Placement Chemistry

Grade Level: 11, 12

Equivalent to introductory college chemistry for science and health care majors. Meets every day for 90 minutes for two credits. This course counts as laboratory science credit for college admission. *This course is offered as a block yearlong only.*

Prerequisite: Chemistry with a "B" or higher

Advanced Placement Environmental Science

Grade Level: 11, 12

Provides students with the principles, concepts and methodologies to understand the interrelationships of the natural world. Counts as laboratory science credit for college admission.

Prerequisite: Chemistry/ Biology

Advanced Placement Physics I

Grade Level: 11, 12

Equivalent to introductory college physics for science and health care majors. Counts as laboratory science credit for college admission.

Prerequisite: Algebra II H

Advanced Placement Physics II

Grade Level: 12

Equivalent to second semester of introductory college physics. Counts as a laboratory science credit for college admission.

Prerequisite: Algebra II H

Astronomy

Grade Level: 12

Study of celestial objects. Not considered a laboratory science and therefore may only be counted as a science elective, nor NCAA requirements.

Prerequisite: 11th grade state science course

Biology

Grade Level: 10

Required science course for 10th grade students. This course meets the criteria for lab credit for college entrance.

Biology Honors

Grade Level: 10

Honors level of the biology course for 10th grade students. Recognized by 4-year colleges as a laboratory course for college entrance. *Course is available as a block and yearlong.*

BSC 104 College Biology for the Non-Science Major

Grade Level: 12

First semester of college biology for students who are not planning to major in the science or health care fields. Costs for MU are the responsibility of the student. Cabell County Schools provide the textbook. *This course is offered as a block only.*

Prerequisite: 3.0 GPA

BSC 105 College Biology for the Non-Science Major

Grade Level: 12

Second semester of college biology for students who are not planning to major in the science or health care fields. Cabell County Schools provide the textbook. Costs for Marshall University are the responsibility of the student. *This course is offered as a block only.*

Prerequisite: 3.0 GPA

Chemistry

Grade Level: 10, 11, 12

Chemistry is the scientific discipline involved with compounds composed of atoms, i.e. elements, and molecules, i.e. combinations of atoms: Their composition, structure, properties, behavior and the changes they undergo during a reaction with other compounds. *This course is offered as a block only.*

Prerequisite: 9th and 10th Grade Science

Chemistry Honors

Grade Level: 10, 11, 12

Counts as laboratory science credit for graduation and 4-year college admission. *This course is offered as a block only.*

Prerequisite: 9th and 10th Grade Science B or higher

Chemistry II Honors

Grade Level: 11, 12

Chemistry II Honors is a continuation of chemistry covering the topics of Equilibrium, Electrochemistry, Kinetics, Introductory Organic Chemistry, Thermodynamics and Acid/Base. Counts as a laboratory science credit for college admissions. *This course is offered as a block only.*

Prerequisite: Chemistry I Honors

Environmental Science

Grade Level: 11, 12

Advanced level lab 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. Elective.

Prerequisite: Biology

Forensic Science

Grade Level: 11, 12

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: 9th and 10th grade science

Forensic Science Honors

Grade Level: 11, 12

Designed to engage students using a creative, problem-solving, and inquiry-based approach. This course will incorporate multidisciplinary instruction using topics from biology, chemistry, earth science, and physics as well as civics, history, and math. Students will apply their knowledge in these areas to the science of forensic investigation.

Prerequisite: 9th & 10th grade science.

Herpetology

Grade Level: 11, 12

Study of reptiles and amphibians. Not considered a laboratory science and therefore may only be counted as a 4th science elective, nor NCAA requirements.

Prerequisite: Open to 11th & 12th graders who have passed Biology

Human Anatomy and Physiology

Grade Level: 11, 12

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

Prerequisite: Biology

Human Anatomy and Physiology Honors

Grade Level: 11, 12

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

Prerequisite: Biology B or higher

Introduction of Geospatial Information Systems

Grade Level: 9,10, 11, 12

Introduction to Geospatial Information System (GIS) for capturing, storing, checking, and displaying data related to positions on Earth's surface. Investigate the use of drones. Dual credit course with MCTC.

Physics Honors

Grade Level: 11, 12

Intended for students planning on college science majors and includes concepts and experimentation in measurement, motion, forces, fluids/pressure, heat, and thermodynamics. Counts as laboratory science credit for college admission. *This course is offered as a block only.*

Prerequisite: Algebra II H

Physical Science

Grade Level: 11, 12

This Physical Science course develops core concepts from Chemistry, Physics, and Earth and Space Science. The concepts included are the Structure and Properties of Matter, Chemical Reactions, Forces and Interactions, Energy and Waves, and Electromagnetic Radiation. It also includes explanations of phenomena central to life and Earth and Space Science. Students will develop models, plan, and conduct investigations, analyze and interpret data, and construct explanations. Students will engage in active inquiries, investigations, and hands-on activities as they demonstrate understandings and research and laboratory skills.

Science Olympiad Class

Grade Level: 10, 11, 12

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 and space 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 and with goals established by the Science Olympiad. This is an elective course.

Zoology

Grade Level: 11, 12

Zoology is the branch of biology that studies the animal kingdom, including the structure, embryology, evolution, classification, habits, and distribution of all animals, both living and extinct, and how they interact with their ecosystems.

Prerequisite: Biology

Social Studies

Advanced Placement Human Geography

Grade Level: 10, 11, 12

Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. AP exam is required.

Prerequisite: Reading on grade level

Advanced Placement World History

Grade Level: 9, 10, 11, 12

Designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in World History. Can replace World Studies. AP exam is required.

Prerequisite: Reading on grade level

Advanced Placement European History

Grade Level: 10, 11, 12

Study of modern European History, 1450 to the present, with particular reference to the Renaissance/ Reformation, the rise of strong central governments, plus major social, economic and intellectual trends. A list of collateral reading with written commentaries will be required. AP Exam is required.

Prerequisite: Reading on grade level

Advanced Placement Psychology

Grade Level: 11, 12

Includes the study of human behavior in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, disturbance and breakdown. Outside research is required. AP Exam is required.

Prerequisite: Reading on grade level

Advanced Placement United States History

Grade Level: 10, 11

Designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. AP Exam is required. Can be substituted for US Studies or Contemporary Studies.

Prerequisite: Reading on grade level

Advanced Placement US Government

Grade Level: 12

Analytically evaluate how people behave politically. Interpret American politics and how government helps to shape public policy. Covers the design of America's political system, its structure, and how individual and group interests combine, each promoting its own agenda. May be substituted for Civics for Next Generation. AP Exam is required.

Prerequisite: Reading on grade level

Civics for Next Generation

Grade Level: 12

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

Contemporary Studies

Grade Level: 11

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

Economics

Grade Level: 11, 12

Designed to give students a thorough understanding of the principle of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system.

Geography

Grade Level: 9, 10, 11, 12

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.

History 103 (Contemporary Studies) Dual Credit Course

Grade Level: 11

Dual Credit, Eleventh Grade Contemporary Studies examines the interactions between the United States and the world since 1914 to present day. *This course is a 0.5 credit course for only 1 semester.*

Prerequisite: 3.0 GPA

History 231 (American History from 1877) Dual Credit Course

Grade Level: 11

Dual Credit Course History 231. A general survey since Reconstruction. This class emphasizes critical thinking skills (3 hours) *This course is a 0.5 credit course for only 1 semester.*

Psychology

Grade Level: 10, 11, 12

Includes the study of human behavior in learning principles, memory and thought, altered states of consciousness, personality theories, human development, testing, disturbance and breakdown. Outside research is required.

Sociology

Grade Level: 10, 11, 12

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.

United States Studies

Grade Level: 10

US history from 1607 (Jamestown) to early 1900s (Progressive Era).

US Studies Honors

Grade Level: 10

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 and summer reading assignments are required. **THIS CLASS CANNOT BE DROPPED AFTER REGISTRATION IS COMPLETED.** *Prerequisite:* Reading on grade level

Theater

Stagecraft I

Grade Level: 9, 10, 11, 12

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

Grade Level: 10, 11, 12

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 operate tech for shows and concerts.

Prerequisite: Stagecraft I

Stagecraft III

Grade Level: 11, 12

Continuation of Stagecraft II.

Prerequisite: Stagecraft II

Theater I

Grade Level: 9, 10, 11, 12

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

Theater II

Grade Level: 10, 11, 12

Designed to provide the student with further exploration of the art of acting and the technical or backstage production of a play, which includes learning the three categories of stage make-up – character, fantasy, and special effects. Participants are expected to perform for a variety of audiences.

Prerequisite: Theater I

Theater III Honors

Grade Level: 11, 12

Students will collaborate in developing original dramatic pieces or short plays and will demonstrate ensemble in rehearsing and performing informal and formal theater works. Also assist in creating and implementing a production. In addition, they will review the three categories of stage make-up – character, fantasy, and special effects.

Prerequisite: Theater II

Theater IV/ V/ VI Honors

Grade Level: 12

Students will write scripts for stage productions and will demonstrate artistic discipline to achieve ensemble in rehearsal and performance of informal and formal theater works. In addition, students will review the three categories of stage make-up – character, fantasy, and special effects.

Prerequisite: Theater III Honors

World Languages

French I

Grade Level: 9, 10, 11, 12

Beginning study of the French language and culture, with emphasis on the development of pronunciation, listening, reading, writing, and conversation skills.

French II

Grade Level: 10, 11, 12

Students will expand their knowledge of basic French vocabulary and advanced grammar structure.

Prerequisite: French I

French III Honors

Grade Level: 11, 12

Students will emphasize conversation, communication skills, and a continuation of advanced grammar study.

Prerequisite: French II (C or above)

French IV Honors

Grade Level: 12

Further develop reading, composition, conversational skills. and expand their knowledge in French history and literature with in-depth reading in French. District will pay the exam fee for students enrolled in French IV who want to take the AP Exam. The student's transcript will reflect French IV as the course.

Prerequisite: French III Honors (C or above)

Latin I

Grade Level: 9, 10, 11, 12

Student will pronounce, read, and write beginning Latin with a strong focus on grammar and vocabulary. The course will introduce the customs, civilization, and mythology of ancient Rome.

Latin II

Grade Level: 10, 11, 12

Students will extend their study of Latin, grammar, vocabulary, and culture of the Romans.

Prerequisite: Latin I

Latin III Honors

Grade Level: 11, 12

Students will focus on a variety of actual Latin texts, drawing parallels to modern life from Roman life and engaging in research around literary, philosophical, linguistic, historical, and cultural topics.

Prerequisite: Latin II (C or above)

Latin IV Honors

Grade Level: 12

Students will study a variety of Latin texts in depth, continuing vocabulary study while striving for fluency in Latin translation. Students will engage in research around literary, historical, and cultural topics.

Prerequisite: Latin III (C or above)

Spanish I

Grade Level: 9, 10, 11, 12

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

Spanish II

Grade Level: 9, 10, 11, 12

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

Prerequisite: Spanish I

Spanish III Honors

Grade Level: 10, 11, 12

Gives students the opportunity to apply the advanced skills already learned in listening, speaking, reading and writing Spanish. This course emphasizes the study of Hispanic culture. We also learn more advanced new concepts in Spanish.

Prerequisite: Spanish II (C or above)

Spanish IV Honors

Grade Level: 11, 12

Students will study a variety of Spanish language materials in depth that further develop student's reading, writing, listening, and speaking skills.

Prerequisite: Spanish III (C or above)

Spanish Dual Credit

Grade Level: 11, 12

Spanish 101 & 102 through West Virginia State University. 3-6 credit hours can be earned.

Prerequisite: 3.0 GPA, A transcript and letter of recommendation from your counselor.

Schedule Request Form for Rising 10th Graders

Name: _____ WVEIS # _____

Academy (Choose One)

Human Services STEM Business & Fine Arts
 Cabell County Career and Technology Academy

SEMESTER 1		SEMESTER 2	
ENGLISH	___ English10 ___ Honors	ENGLISH	___ English 10 ___ Honors
MATH	___ Geometry ___ Honors ___ Block	MATH	___ Geometry ___ Honors ___ Algebra II Honors Block
SCIENCE	___ Biology ___ Honors ___ Block	SCIENCE	___ Biology ___ Honors ___ Chemistry Block ___ Honors ___ Anatomy Block ___ Honors ___ Physics Block ___ Honors
SOC ST	___ US Studies ___ Honors ___ AP US History	SOC ST	___ US Studies ___ Honors ___ AP US History
PATHWAY ELECTIVE		PATHWAY ELECTIVE	
PATHWAY ELECTIVE		PATHWAY ELECTIVE	
ELECTIVE		ELECTIVE	
Alternate Elective		Alternate Elective	
Alternate Elective		Alternate Elective	

Choose the Academy Pathway: (See the required courses in course handbook necessary to complete pathway)

Human Services Pathways			
JROTC	Careers in Education	ProStart	
STEM Pathways			
Therapeutic Services	Sports Medicine	Personal Fitness and Wellness	Health Informatics
PLTW (Pre-Engineering)	Aerospace Engineering	AP Studies	
Business and Fine Arts Pathways			
Administrative Support	Broadcasting & Journalism	Performing Arts	Visual Arts
Cabell County Career and Technical Academy (Required Application See Counselor)			

We acknowledge that we have read the requirements for the courses requested and understand the restrictions and consequences for withdrawing from a course including the possibility of the student receiving a WF for withdrawing before a course is completed.

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____ *

**I understand that I am to yearly sign the student's Personalized Education Plan, including any changes made to schedule. Copies are to be provided to parent upon request.*

Schedule Request Form for Rising 11th graders

Name: _____ WVEIS # _____

Academy (Choose One)

Human Services
 STEM
 Business & Fine Arts
 Cabell County Career and Technology Academy

SEMESTER 1		SEMESTER 2	
ENGLISH	<input type="checkbox"/> English 11 <input type="checkbox"/> AP Language and Composition	ENGLISH	<input type="checkbox"/> English 11 <input type="checkbox"/> AP Language and Composition
MATH	<input type="checkbox"/> Algebra II <input type="checkbox"/> Honors <input type="checkbox"/> Block <input type="checkbox"/> PreCalc <input type="checkbox"/> Honors <input type="checkbox"/> DC <input type="checkbox"/> Trig <input type="checkbox"/> Honors <input type="checkbox"/> DC Other: _____	MATH	<input type="checkbox"/> Algebra II <input type="checkbox"/> Honors <input type="checkbox"/> PreCalc <input type="checkbox"/> Honors <input type="checkbox"/> DC <input type="checkbox"/> Trig <input type="checkbox"/> Honors <input type="checkbox"/> DC Other: _____
SCIENCE	<input type="checkbox"/> Chemistry <input type="checkbox"/> Honors <input type="checkbox"/> AP <input type="checkbox"/> Anatomy <input type="checkbox"/> Honors <input type="checkbox"/> Environmental <input type="checkbox"/> Forensics <input type="checkbox"/> Physical Sci. <input type="checkbox"/> Physics H <input type="checkbox"/> AP Biology	SCIENCE	<input type="checkbox"/> Chemistry <input type="checkbox"/> Honors <input type="checkbox"/> AP <input type="checkbox"/> Anatomy <input type="checkbox"/> Honors <input type="checkbox"/> Environmental <input type="checkbox"/> Forensics <input type="checkbox"/> Physical Sci. <input type="checkbox"/> Physics H <input type="checkbox"/> AP Biology
SOC ST	<input type="checkbox"/> Contemporary Studies Other: _____ <input type="checkbox"/> Dual Credit History 103 AP History Course: _____	SOC ST	<input type="checkbox"/> Contemporary Studies Other: _____ <input type="checkbox"/> Dual Credit History 103 AP History Course: _____
PATHWAY ELECTIVE		PATHWAY ELECTIVE	
PATHWAY OR ELECTIVE		PATHWAY OR ELECTIVE	
ELECTIVE		ELECTIVE	
Alternate Elective		Alternate Elective	
Alternate Elective		Alternate Elective	

Choose the Academy Pathway: (See the required courses in course handbook necessary to complete pathway)

Human Services Pathways			
JROTC	Careers in Education	ProStart	
STEM Pathways			
Therapeutic Services	Sports Medicine	Personal Fitness and Wellness	Health Informatics
PLTW (Pre-Engineering)	Aerospace Engineering		AP Studies
Business and Fine Arts Pathways			
Administrative Support	Broadcasting & Journalism	Performing Arts	Visual Arts
Cabell County Career and Technical Academy (Required Application See Counselor)			

We acknowledge that we have read the requirements for the courses requested and understand the restrictions and consequences for withdrawing from a course including the possibility of the student receiving a WF for withdrawing before a course is completed.

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____ *

**I understand that I am to yearly sign the student's Personalized Education Plan, including any changes made to schedule. Copies are to be provided to parent upon request.*

Schedule Request Form for Rising 12th graders

Name: _____ WVEIS # _____

Indicate Your Academy

Human Services
 STEM
 Business & Fine Arts
 Cabell County Career and Technology Academy

Indicate your concentration: _____

SEMESTER 1		SEMESTER 2	
ENGLISH	<input type="checkbox"/> English 12 <input type="checkbox"/> Technical English 12 <input type="checkbox"/> Transition English <input type="checkbox"/> AP Literature <input type="checkbox"/> English 101-102	ENGLISH	<input type="checkbox"/> English 12 <input type="checkbox"/> Technical English 12 <input type="checkbox"/> Transition English <input type="checkbox"/> AP Literature <input type="checkbox"/> English 101-102
MATH	<input type="checkbox"/> Math IV TR <input type="checkbox"/> Transition Math <input type="checkbox"/> Pre-Calc <input type="checkbox"/> Honors <input type="checkbox"/> DC <input type="checkbox"/> Trig <input type="checkbox"/> Honors <input type="checkbox"/> DC <input type="checkbox"/> Advanced Math Modeling DC <input type="checkbox"/> AP Stats <input type="checkbox"/> AP Calculus <input type="checkbox"/> AB <input type="checkbox"/> BC	MATH	<input type="checkbox"/> Math IV TR <input type="checkbox"/> Transition Math <input type="checkbox"/> Pre-Calc <input type="checkbox"/> Honors <input type="checkbox"/> DC <input type="checkbox"/> Trig <input type="checkbox"/> Honors <input type="checkbox"/> DC <input type="checkbox"/> Advanced Math Modeling DC <input type="checkbox"/> AP Stats <input type="checkbox"/> AP Calculus <input type="checkbox"/> AB <input type="checkbox"/> BC
SCIENCE	<input type="checkbox"/> Chemistry <input type="checkbox"/> Honors <input type="checkbox"/> Anatomy <input type="checkbox"/> Honors <input type="checkbox"/> Environmental <input type="checkbox"/> AP <input type="checkbox"/> Forensics <input type="checkbox"/> Physics H <input type="checkbox"/> AP Physics <input type="checkbox"/> I <input type="checkbox"/> C <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Environmental <input type="checkbox"/> AP Chemistry	SCIENCE	<input type="checkbox"/> Chemistry <input type="checkbox"/> Honors <input type="checkbox"/> Anatomy <input type="checkbox"/> Honors <input type="checkbox"/> Environmental <input type="checkbox"/> AP <input type="checkbox"/> Forensics <input type="checkbox"/> Physics H <input type="checkbox"/> AP Physics <input type="checkbox"/> I <input type="checkbox"/> C <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Environmental <input type="checkbox"/> AP Chemistry
SOC ST	<input type="checkbox"/> Civics <input type="checkbox"/> AP Government	SOC ST	<input type="checkbox"/> Civics <input type="checkbox"/> AP Government
PATHWAY ELECTIVE		PATHWAY ELECTIVE	
PATHWAY ELECTIVE		PATHWAY ELECTIVE	
ELECTIVE		ELECTIVE	
Alternate Elective		Alternate Elective	
Alternate Elective		Alternate Elective	

We acknowledge that we have read the requirements for the courses requested and understand the restrictions and consequences for withdrawing from a course including the possibility of the student receiving a WF for withdrawing before a course is completed.

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____*

**I understand that I am to yearly sign the student's Personalized Education Plan, including any changes made to schedule. Copies are to be provided to parent upon request*

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

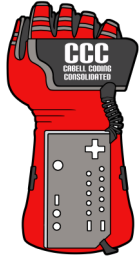
Two, three-hour courses through Mountwest Community and Technical College upon completion of program (MG 101 and AC 103)



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,
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, &
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?

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.

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.

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 14th 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.