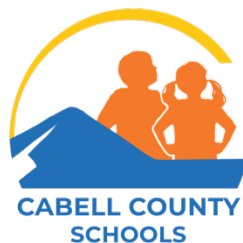


# 2024-2025

# Huntington

# Highlanders



# TABLE OF CONTENTS

ADMINISTRATORS	2
COUNSELING STAFF	2
<b>STATE POLICY AND SCHEDULING INFORMATION</b>	
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
GROW YOUR OWN	20
ATHLETIC ELIGIBILITY	21
<b>HUNTINGTON HIGH SCHOOL ACADEMIES</b>	<b>26</b>
STEM ACADEMY	27
BUSINESS AND FINE ARTS ACADEMY	31
HUMAN SERVICES ACADEMY	34
CABELL COUNTY CAREER TECHNOLOGY ACADEMY	37
<b>HUNTINGTON HIGH SCHOOL COURSE DESCRIPTIONS</b>	<b>44</b>
AEROSPACE ENGINEERING	46
ARMY JUNIOR OFFICERS' TRAINING	47
ART	48
BUSINESS MARKETING	52
COMPUTER SCIENCES	53
DANCE	53
DRIVER EDUCATION	54
EARLY CHILDHOOD CLASSROOM ASSISTANT TEACHER	54
ENGLISH/LANGUAGE ARTS	55
CAREERS IN EDUCATION	59
PRO-START/RESTAURANT MANAGEMENT	60
HEALTH	61
HEALTH SCIENCES	62
MATHEMATICS	63
MUSIC	67
PHYSICAL EDUCATION	72
PROJECT LEAD THE WAY (PRE-ENGINEERING)	73
SCIENCE	74
SOCIAL STUDIES	79
SPORTS MEDICINE	82
THEATER	83
WORLD LANGUAGES	85
<b>CABELL COUNTY CAREER TECHNOLOGY CENTER COURSE DESCRIPTIONS</b>	<b>88</b>
<b>CABELL COUNTY CAREER AND TECHNOLOGY CENTER – YEAR 14 PROGRAM</b>	<b>98</b>



## HUNTINGTON HIGH SCHOOL

### Administrative Staff

Joedy Cunningham, Principal .....	304-528-6010
E-mail .....	jacunnin@k12.wv.us
Rob Archer, Associate Principal (Curriculum).....	304-528-6011
E-mail .....	rdarcher@k12.wv.us
Carol Ward, Assistant Principal .....	304-528-6014
E-mail .....	carol.ward@k12.wv.us
Crystal Davis, Assistant Principal.....	304-528-6013
E-mail .....	crystal.davis@k12.wv.us
John Adkins, Assistant Principal.....	304-528-6015
E-mail .....	john.adkins@k12.wv.us
William Seals, Assistant Principal (Freshman Academy).....	304-528-6012
E-mail .....	wseals@k12.wv.us

### Counseling Department

Christine Gleason (Alphabet A - Cg) .....	304-528-6033
E-mail .....	cbgleason@k12.wv.us
Allison Tolbert (Alphabet Ch - GL) .....	304-528-6037
E-mail .....	allison.tolbert@k12.wv.us
Hilary Gibson (Alphabet Gm - Ki) .....	304-528-6034
E-mail .....	hilary.s.gibson@k12.wv.us
Jordan Dunkle (Alphabet Kj - O) .....	304-528-6036
E-mail .....	jordan.colliflower@k12.wv.us
Jessica Kidd (Alphabet P - SL) ..... Lead Counselor.....	304-528-6035
E-mail .....	jmkidd@k12.wv.us
Kim Garrett (Alphabet SM - Z).....	304-528-6032
E-mail .....	kimberly.garrett@k12.wv.us

## From the Desk of HHS Lead Principal



Joedy Cunningham

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 booster 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,

Joedy Cunningham  
HHS Principal





# Administration



## **Principal/Director**

Mrs. Melissa D. Ash

304-528-5106

[mash@k12.wv.us](mailto:mash@k12.wv.us)



## **Associate Principal**

Mr. Travis Baker

304-528-5106

[travis.baker@k12.wv.us](mailto:travis.baker@k12.wv.us)

# Core Requirements for Graduation

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

## Credits Required: 24

- **Math** 4 credits
- **Science** 3 credits (4 lab science credits if planning attending a year university)
- **English Language Arts** 4 credits
- **Social Studies** 4 credits
- **Physical Education** 1 credit
- **Fine Arts** 1 credit (Theatre, Art, Dance, or Music; Some CTE courses may count for this credit. Students should talk to their counselor.)
- **Health** 1 credit
- **Career Concentration Courses:** 4 credits in a Career Technical Education program of study or 4 credits in a locally 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 college.

## 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 9<sup>th</sup> 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 upon taking the end-of-course AP exam
- ☐ Passing scores allow students to receive college credit (see College Board website)

### **Caution:**

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

## General Information on Honors and AP courses

### *Policies and Practices*

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

### **WITHDRAWAL FROM HONORS AND AP COURSES**

Please refer to the section regarding the expectations and requirements of “Honors” and “AP” level classes in order to choose these classes carefully. The master schedule is student driven meaning it is based on the number of students requesting a course. For this reason, students will not be able to withdraw from honors or AP courses. 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	3	3	
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. The courses will not be offered for the purpose of raising a student's GPA or eligibility stance.** Students who choose to take a virtual school course need to be motivated and skilled in time management in order to be successful. Seniors must complete all coursework by the last day for seniors. Courses which are on a semester status must be completed by the end of the semester.

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

## WVVS Grade Transcripts and Drop Policy

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

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

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

## NCAA Eligibility and Virtual School

### Attention student, virtual school contact, counselor, and parent:

If a student plans to play NCAA Division I sports, please visit the NCAA eligibility high school portal to ensure the online course is an approved NCAA credit.

### Attention student, virtual school contact, counselor, and parent:

The NCAA reviews credit recovery occurrences on an individual basis. For this reason, credit recovery is NOT recommended for any athlete with aspirations to play Division I sports.

## COLLEGE ENTRANCE EXAMS

The college entrance tests are given by two testing agencies: The College Board administers the PSAT/NMSQT 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 10<sup>th</sup> Graders registering for 11<sup>th</sup> grade dual credit classes, it is recommended that the student take either test during the spring or summer prior to the beginning of school. See the dual credit score prerequisites.



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

### **Advantages of Taking Dual Credit Courses**

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

- ☐ Receive college credit for classes you have to take in high school anyway (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, WV State, or Fairmont.
- ☐ Juniors and seniors enrolling in these classes must apply to Marshall University, WV State, or Fairmont 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 our dual enrollment courses meet these requirements. Thus, students who plan to attend Marshall University upon graduation can meet many or all of these requirements before becoming a full-time student.

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

<b>Dual Enrollment Courses – Marshall University</b>	
<b>High School Course</b>	<b>College Credit Course</b>
Advanced Mathematical Modeling	MTH 121B – 4 hrs
Biology 104/105	BSC 104/105 – 8 hrs
College Algebra	MTH 127 – 5 hrs
English 101/201	English 101/201 – 6 hrs
History 103 and History 231	History 103 and History 231 – 6 hrs
Introduction to Geospatial Information Systems	GIS 101, 102, 103 – 3 hrs
Introduction to Education and the Classroom	EDF 280
Introduction to Child Development	EDF 201
Introduction to Educational Psychology	EDF 319
Introduction to Social Emotional and Behavioral Wellness	CISP 421
Precalculus	MTH 132 – 5 hrs
Sports Medicine IV	HS 215 – 3 hrs
Trigonometry	MTH 122 – 3 hrs
<b>Dual Enrollment Courses – WV State University</b>	
<b>High School Course</b>	<b>College Credit Course</b>
Film Appreciation	Communication 140 – 3 hrs
Spanish 101	Spanish 101 – 3 hrs
Spanish 102	Spanish 102 – 3 hrs
Speech Communication	Communication 100 – 3 hrs
<b>Dual Enrollment Courses – Fairmont State</b>	
<b>High School Course</b>	<b>College Credit Course</b>
Forensic Science	FORS 2201

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

## Math Courses Available by Grade Level

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

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

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

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

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



# Jump Start.

[www.mctc.edu/jump-start](http://www.mctc.edu/jump-start)

1 Mountwest Way, Huntington WV 25701



Interested in taking college courses in high school?

## About Jump Start

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

## Benefits of the Program

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

## Program Pathways

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

## Eligibility

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

## Contact Information:

### Sarah Dick

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

### Karen Horner

*Director of Recruitment*  
(304) 710-3437

[jumpstart@mctc.edu](mailto:jumpstart@mctc.edu)

GO FAR...  
*close to*  
**HOME**  
mctc.edu





## WVDE Grow Your Own Program Pilot District—Cabell County

### GROW YOUR OWN (GYO) West Virginia TEACHING PATHWAY 2022–2023

*“Creating Local Pipelines into the Profession”*



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

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

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

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

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

### Cabell County Dual-Credit Opportunities

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



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

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

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

# ATHLETIC ELIGIBILITY

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

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

### §126-26-3. Eligibility.

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

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

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

student has attained at least a 2.0 GPA. In schools and/or counties where the traditional semester approach is not used, the nine-week point shall be utilized in place of the mid-semester.

Students who are entering public schools or other Secondary Schools Activities Commission (SSAC) member schools for the first time will be eligible for participation as follows:

- Students who have not earned grades that the receiving school will accept for credit upon transfer will be eligible upon enrollment and must have a 2.0 GPA at the end of the semester in which they enroll to remain eligible.
  - Students who have earned grades that the receiving school will accept for credit upon transfer must have earned a 2.0 GPA in the previous semester to be eligible upon enrollment. If not eligible upon enrollment, the student shall become eligible at the mid-semester (nine-week point) if the student has attained at least a 2.0 GPA

## **NCAA ELIGIBILITY REQUIREMENTS FOR STUDENT ATHLETES**

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

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

# NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

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

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

## Test Scores: (ACT/SAT)

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

## Core Grade-Point Average:

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

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

### Grade-Point Average

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

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: 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

## 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. Foundation of Sports Medicine
  2. Advanced Principles of Sports Medicine
  3. Athletic Injury Recognition & Prevention
  4. Practical Applications of Sports Medicine
- ❖ This is a locally approved program of study.

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

### **Program of Study: Advanced Medical Preparedness**

This program of study the student will choose a health career specialty with a focus on pharmacy. Health Science is focused on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnological research and development.

#### **Required Courses:**

1. Foundations of Health Sciences
2. Advance Principles of Health Sciences
3. Medical Terminology
4. Introduction to Pharmacology
  - This program is part of the West Virginia Department of Education Simulated Workplace curriculum



<b>Industry Credential:</b>	CPR/AED First Aid, OSHA 10
<b>Industry Credential:</b>	ExCPT-Exam/Pharmacy Technician Certification Board (PTCB)
<b>Employment Opportunities:</b>	Pharmacy Technician

# **Business & Fine Arts Academy**

## Program of Study: Principles of Business

This program of study is for the student interested in pursuing a degree in business or gaining experience to pursue entry-level positions as 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 Law Ethics
3. Business and Marketing Essentials



Select **one** Specialization courses

- a. Personal Finance
  - b. Management and Entrepreneurship
- ❖ This program of study is part of the WVDE Simulated Workplace Curriculum.

<b>Industry Credential:</b>	Microsoft Office Specialist Exam (Word and PowerPoint) Microsoft Office Specialist Exam (Excel and Access)
<b>Employment Opportunities:</b>	Business Management, Marketing (with college completion) 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.

### Choose any 4 or more:

- \_\_\_ 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
- \_\_\_ Art I, II, III, IV

<b>Industry Credential:</b>	Portfolio Development is a requirement
<b>Employment Opportunities:</b>	Artist, business owner, graphic artist, art teacher, art gallery, game designer, architect, designer, animator, films, marketing, art therapist, photographer, sculptor, designer of fashion, furniture, fabric & textile photo journalist, interior & jewelry designer, book & set designer, illustrator, media companies, government agencies, museums, muralist, stylist, freelance, and many other career choices.

## 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

# Human Services Academy

## Program of Study: Early Childhood Classroom Assistant Teacher (ECCAT)

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. Early Learning Child Development
2. Early Learning Special Needs Inclusion
3. Early Learning Language & Literacy
4. Early Learning Numeracy



<b>Credential:</b>	ACDS from the Department of Labor (Apprenticeship for Child Development Specialist); OSHA 10
<b>Employment Opportunities:</b>	Child Care Worker, Elementary Aide, Day Care Worker, Teacher Assistant

## 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

<b>Credential:</b>	Mountwest Community and Technical College offers E.D.G.E. credit for JROTC program.
<b>Employment Opportunities:</b>	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

<b>Industry Credential:</b>	Food Handler's Card, ServSafe, WV Welcome, ProStart Certificate of Achievement
<b>Employment Opportunities:</b>	Cook, Waiter, Waitress, Baker, Food Service, School Cook

# 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



<b>Industry Credential:</b>	Microsoft Office Specialist Exam (Word and PowerPoint)
<b>Industry Credential:</b>	Microsoft Office Specialist Exam (Excel and Access)
<b>Industry Credential:</b>	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





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


<b>Program of Study: Building and Maintenance Operations</b> 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.	
<b>Required Courses:</b> <ol style="list-style-type: none"> <li>1. Building and Maintenance/Operations I</li> <li>2. Building and Maintenance/Operations II</li> <li>3. Building and Maintenance/Operations III</li> <li>4. Building and Maintenance/Operations IV</li> </ol>	
	
<b>Industry Credential:</b>	National Center for Construction Education Research (NCCER) Certifications, OSHA 10 Safety Card
<b>Employment Opportunities:</b>	General maintenance/Repair Work, Property Manager, Maintenance Supervisor, Maintenance Director

<b>Program of Study: Building Technology</b> This class explores the basic skill needed for carpentry and blue print reading.	
<b>Required Courses:</b> <ol style="list-style-type: none"> <li>1. Career Exploration</li> <li>2. Fundamentals of Facilities Maintenance</li> <li>3. Blue Print Reading (elective)</li> <li>4. Drafting Techniques (elective and <b>fine arts credit</b>)</li> </ol>	
	
<b>Industry Credential:</b>	Exploratory Course
<b>Industry Credential:</b>	OSHA 10 Safety Card

<b>Program of Study: Carpentry</b> 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.	
<b>Required Courses:</b> <ol style="list-style-type: none"> <li>1. Carpentry I</li> <li>2. Carpentry II</li> <li>3. Carpentry III</li> <li>4. Carpentry IV</li> </ol>	
	
<b>Industry Credential</b>	National Center for Construction Education Research (NCCER) Certifications
<b>Industry Credential</b>	OSHA 10 Safety Card
<b>Employment Opportunities</b>	Residential/Nonresidential building construction, Building finishing contractors, Foundation, structure, and building exterior contractors

<b>Program of Study: Coding, App and Game Design</b> 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.	
<b>Required Courses:</b> <ol style="list-style-type: none"> <li>1. Digital Imaging/Multimedia I</li> <li>2. Web Page Publishing</li> <li>3. Coding, App and Game Design I</li> <li>4. Coding, App and Game Design II</li> </ol>	
	
<b>Employment Opportunities:</b>	Animator, Graphic Artist, Webmaster, Video Game Designer

<b>Program of Study: Cosmetology</b> 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	
<b>Required Courses:</b> <ol style="list-style-type: none"> <li>1. Barbers and Cosmetology Foundations</li> <li>2. Cosmetology Professional I</li> <li>3. Cosmetology Professional II</li> <li>4. Cosmetology Professional Advanced</li> </ol>	
	
<b>Industry Credential:</b>	OHSA 10, Shampoo Assistant, Nail Technician, Microsoft Specialist Certificate
<b>Employment Opportunities:</b>	Shampoo Assistant, Hair Stylist, Barber

<b>Program of Study: Collision Repair Technology</b> 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.	
<b>Required Courses:</b> <ol style="list-style-type: none"> <li>1. Fundamentals of Collision Repair Technology</li> <li>2. Non- Structural Analysis / Damage Repair</li> <li>3. Structural Analysis / Repair</li> <li>4. Surface Preparation / Refinishing</li> </ol>	
	
<b>Industry Credential:</b>	Automotive Service Excellence (ASE), National Automotive Technicians Education Foundation
<b>Employment Opportunities:</b>	Body Repairer and Automotive Glass Installer

## 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



<b>Industry Credential:</b>	National Center for Construction Education Research (NCCER) Certifications
<b>Industry Credential:</b>	OSHA 10 Safety Card
<b>Industry Credential:</b>	Journeyman Electrician License**
<b>Employment Opportunities:</b>	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



<b>Industry Credential:</b>	Adobe Certified Associated (Flash/Photoshop)
<b>Industry Credential:</b>	Adobe Certified Digital Communication Skills Entry Level
<b>Employment Opportunities:</b>	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



<b>Industry Credential:</b>	National Center for Construction Education Research (NCCER) Certifications
<b>Industry Credential:</b>	OSHA 10 Safety Card
<b>Employment Opportunities:</b>	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



<b>Industry Credential:</b>	Certified Criminal Justice Professional - courses plus work exp. (WV credential with international reciprocity)
<b>Industry Credential:</b>	American Red Cross First Aid & CPR, Stop the Bleed
<b>Industry Credential:</b>	OSHA 10 Safety Card, NIMs
<b>Employment Opportunities:</b>	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 can 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



<b>Industry Credential:</b>	National Institute for Metalworking Skills (NIMS)
<b>Employment Opportunities</b>	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



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



# Huntington High School Course Descriptions

## Global Electives 2024-2025

<i>Health/PE</i>		<i>World Languages</i>	
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		<i>Computer Science</i>	
Driver's Ed (only with driver's permit)		Computer Science, Modern World, AP	
First Aid, CPR, and Safety		Apple Tech	
<i>Family and Consumer Sciences</i>		<i>Health Sciences</i>	
Baking & Pastry Applications		Medical Terminology	
Parenting and Strong Families		Pharmacology	
<i>Visual Arts</i>		<i>Performing Arts</i>	
Art I, Art II, Art III, Art IV		Guitar I, II	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		Band Techniques	Music History I, II
		Music in Film	Music Theory
<i>English</i>		<i>Science</i>	<i>Social Studies</i>
Creative Writing I		Astronomy	Geography
Debate IH, IIH, IIIH, IVH		Herpetology	Economics
Film Appreciation (COMM 140)		Science Olympiad	Psychology
Journalism I		Zoology	Sociology
Mythology			AP Human Geography
ACT/SAT Prep		<i>Business</i>	AP European History
Yearbook		Business and Marketing Essentials	AP Psychology
Speech Communication (COMM 100)		Business Computer Apps I	<i>Math</i>
			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 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

### **Introduction to Visual Art 112 (Dual Credit)**

**Grade Level: 12**

An introduction to the methods and principles of visual arts. Students will consider the work of major artists in thematic contexts. This class is a Marshall University class for non-art majors.

### **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



# **Business/Marketing**

## **Entrepreneurship I**

**Grade Level: 9, 10, 11, 12**

This course is designed to give students a broader knowledge of the day-to-day operations of a business. From turning an idea into an established business, students will learn to establish and manage all that a business requires. Students will maintain and manage the school store and sometimes that will be required after school hours during events.

## **Business Communications**

**Grade Level: 9, 10, 11, 12**

An introductory course to the understanding of the importance of communications skills in the workplace.

## **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 Law & Ethics**

**Grade Level: 10, 11, 12**

This skillsets in this course are representative of the basic knowledge included in a Career & Technical Education/ Business and Marketing concentration. Incorporated into this course are elements of introductory business law knowledge and skills necessary for a career in the business and marketing field. This course is recommended as an elective in the Legal Office concentration.

# Computer Science

## **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

# 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**

## **Early Childhood Classroom Assistant Teacher (ECCAT)**

### **Early Learning Child Development**

**Grade Level: 10, 11, 12**

This course is designed to focus on the various physical, cognitive, social, emotional and moral development, environments and social institutions, family life, demographics, and culture influencing human growth and development. Observation in an approved school setting is a part of this course.

## **Early Learning Special Needs Inclusion**

**Grade Level: 10, 11, 12**

This course is designed to focus on understanding how to facilitate activities that will promote learning within inclusive early childhood classrooms. Observation in an approved school setting is a part of this course.

*Prerequisite:* Early Learning Child Development

## **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. AP Language & Composition begins with prerequisite reading over the summer before the course.

*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. Even more importantly, it prepares students for all college coursework. The course engages students in the careful reading and critical analysis of imaginative literature. AP Literature begins with prerequisite preparatory readings over the summer before the course.

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

## **College 101**

**Grade Level: 12**

This course is for Seniors only as it focuses on submitting college and scholarship applications. This includes writing and workshopping personal statements, college essays, and scholarship essays. Students will maintain a portfolio of the work they have completed. Preference will be given to students who are enrolled in at least one AP class.

## **Speech Communications (COMM 100) Dual Credit Course**

**Grade Level: 11, 12**

Offered in Fall Semester. Focuses on basic communication and public speaking skills. Upon successful completion of the course, students will receive both a high school honors credit as an elective and 3 hours of college credit for public speaking. Fulfills the oral communication (speech) requirement through WV State University and can transfer but check with your counselor for other schools. It does not require an AP exam.

*Students must have a 3.0 GPA to enroll in the course.*

## **Film Appreciation (COMM 140) Dual Credit Course**

**Grade Level: 11, 12**

Offered in the Spring Semester. Upon successful completion of the course, students will receive both a high school honors credit as an elective and 3 hours of college credit for an elective Communications course through WVSU. This course is Film Appreciation and offers an overview of technical, historical, and aesthetic elements that comprise the art of cinema. The primary focus of the class will be to analyze the creative techniques that filmmakers use. Check with your counselor to see what it fulfills at other schools.

*Students must have a 3.0 GPA to enroll in the course.*

## **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.

## **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 grammar, independent reading, the Writing Process, and 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 with an emphasis on grammar, independent reading, and the Writing Process. 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 with an emphasis on grammar, independent reading, the Writing Process, and forms of 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, grammar, independent reading, and the Writing Process.

*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

## **Library Science**

**Grade Level: 10, 11, 12**

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

*Prerequisite:* Permission from Media Specialist

## **Mythology**

**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: 9, 10, 11, 12**

Students will be members of the yearbook staff. For this class, students will sell yearbook sponsorships, advertise for the sale of the yearbook, take photos, interview students, attend events and activities, help with school picture day and design pages and elements of the yearbook.

# **Careers in Education**

## **Introduction to Education and the Classroom (Dual Credit Course)**

**Grade Level: 10, 11, 12**

This course explores teaching as a career. Students are introduced to the basic knowledge and skills needed to be an effective educator. They will investigate the roles and responsibilities of an educator, issues related to school and community, and the importance of developing a positive and inclusive culture in the classroom throughout the school. *This course is offered as a block only.*

## **Introduction to Child Development (Dual Credit Course)**

**Grade Level: 10, 11, 12**

This course will provide students with insight on how a student learns at each developmental level. Future educators need to understand what and how children learn at each level of development to provide appropriate content and pedagogy. Students will be introduced to psychological, behavioral, and social learning theories and theorists. They will investigate the characteristics of learners and illustrate examples of the developmental levels at each stage. A field experience is required as part of the course completion. *This course is offered as a block only.*

*Prerequisite:* Introduction to Education and the Classroom



### **Introduction to Educational Psychology (Dual Credit Course)**

**Grade Level: 11, 12**

Provides preservice teachers with a deeper understanding of learning theories that can be applied to teaching and learning. Topics include intelligence, individual differences in learning, how people retain new information, instructional approaches, student engagement and assessment.

*Prerequisite:* Introduction to Education

### **Introduction to Social Emotional and Behavioral Wellness (Dual Credit Course)**

**Grade Level: 11, 12**

Prepares educators to examine the social and emotional needs of students and how to address the non-academic barriers to learning. They will be introduced to the effects of trauma, adverse childhood experiences, and provided with effective classroom strategies to create a positive classroom environment. Activities will include insight into how to collaborate with families, agencies, and the community to provide multi-tiered systems of support.

*Prerequisite:* Introduction to Educational Psychology

### **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 Applications**

**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.*

# Health Sciences

## **Foundations of Health Science**

**Grade Level: 10,11**

The content of this course will focus on areas such as medical terminology, occupational and patient safety, CPR/AED/First Aid, infection control/prevention of disease transmission, communication skills, 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 human growth and development, ethical issues, legal responsibilities, diseases and disorders, math for medications, 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

## **Introduction to Pharmacology**

**Grade Level: 10, 11, 12**

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

## **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 (Dual Credit)**

**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 terms associated with the human body utilizing a systems approach.

*Prerequisite:* 10th 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.*

## **Math Modeling 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. This course may count as the required math credit at WV universities for non-science majors.

*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 mod only.*

*Prerequisite:* AP Calculus AB

### **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:* Algebra II

### **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. Recommended PSAT math score of 500 or above.

*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. Course can be taken in place of Alg. 2 if the student is not planning on attending a 4-year college.

## **Computer Science & Mathematics**

**Grade Level: 11, 12**

This introduction to programming course is designed to provide students with the opportunity to explore the uses of mathematics and computer programming as tools in creating effective solutions to complex problems. No previous computer science course is required.

*Prerequisite: Geometry*

## **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. Recommended PSAT 8/9 math score of 450 or above.

*Prerequisite: Algebra I Honors*

*Available as a block and yearlong course.*

### **Trigonometry/Pre-Calculus**

**Grade Level: 11, 12**

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

*Prerequisite: Algebra 2*

### **Math 127 Dual Credit (College Algebra)**

A brief but careful review of the main techniques of algebra. Polynomials, rational, exponential, and logarithmic functions. Graphs, equations and inequalities, sequences.

*Prerequisite: GPA 3.0*

### **Math 132 Dual Credit (Pre-Calculus Honors)**

**Grade Level: 11, 12**

Functions used in calculus including polynomial, rational, exponential, logarithmic, and trigonometric. Systems of equations and inequalities, conic sections, polar and parametric equations, sequences and series, Binomial Theorem.

*Prerequisite: ACT Math score 24 or higher or a 560 in Math on the SAT to receive dual credit*

### **Statistics**

**Grade Level: 10, 11, 12**

This course uses the four-step process to explore probability and statistics in the context of sports. We will be using the textbook Statistical Reasoning in Sports, Tabor & Franklin (2019).

*Prerequisite: Algebra II*

### **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.*

### **Math 122 Dual Credit (Trigonometry Honors)**

**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 to receive dual credit*

## **Introduction to Mathematical Applications**

**Grade Level: 9, 10, 11, 12**

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

# **Music**

## **Band Techniques**

**Grade Level: 9, 10, 11, 12**

The band techniques class is designed for students who wish to pursue their instrument studies further outside of band class. Students will prepare/participate in individual activities outside of the normal band setting, ex.- All state band auditions, all county band, all area band, solo ensemble, and various honor groups. .5 credit

*Co-requisite:* Must be enrolled in current band class

## **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

## **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.**

## **Music in Films**

**Grade Level: 10, 11, 12**

This course examines **music created for film from both historical and analytical perspectives.** The objective is to establish an appreciation for the art of film music, to understand its nature and requirements, and to study the composers and directors who work in the medium. No prior knowledge of music is required. *This course is a .5 credit course for only 1 semester.*

## **Music History I**

**Grade Level: 9, 10, 11, 12**

This course explores music history through its various stylistic periods, from medieval chant to 20<sup>th</sup> century music. The course utilizes listening examples of influential composers alongside historical context to gain greater understanding of the growth and development of music. *This course is a .5 credit course for only 1 semester.*

## **Music History II**

**Grade Level: 9, 10, 11, 12**

Same description as Music History I, just more in-depth. *This course is a .5 credit course for only 1 semester.*

Prerequisite: Music History I

## **Music Theory**

**Grade Level: 11, 12**

This course is **designed to enhance music skills and basic music fundamentals**. Throughout the course of the year students will study basic notation, scales, key signatures, intervals, triads, cadences, non-chord tones, form, part-writing and analysis of a score.

*Prerequisite: Former participation in a musical genre (band, Choir, orchestra, etc)*

## **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*

## **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 audition for 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

## **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. This course is worth 2 Laboratory science credits for college admission. If the end of the year AP test is passed, this can be equivalent to an introductory college biology for science and health care majors (note colleges may differ on credit). *This course is offered as a block yearlong worth 2 credits.*

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

### **Advanced Placement Chemistry**

**Grade Level: 11, 12**

This course is worth 2 Laboratory science credits for college admission. If the end of the year AP test is passed, this can be equivalent to an introductory college biology for science and health care majors (note colleges may differ on credit). *This course is offered as a block yearlong only.*

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

### **Advanced Placement Environmental Science**

**Grade Level: 11, 12**

Explore and investigate the interrelationship of the natural world and analyze environmental problems both natural and man-made. This course is worth a laboratory science credit for college admission. If the end of the year AP test is passed, this can be equivalent to an introductory college biology for science and health care majors (note colleges may differ on credit).

*Prerequisite:* Chemistry/ Biology with a "B" or higher

## **Advanced Placement Physics I**

**Grade Level: 11, 12**

Learn about the foundational principles of physics as you explore Newtonian mechanics; work, energy and power; momentum, circular motion, and torque. If the end of the year AP test is passed, this can be equivalent to an introductory college biology for science and health care majors (note colleges may differ on credit). Counts as laboratory science credit for college admission.

*Prerequisite:* Algebra I, Geometry

## **Advanced Placement Physics II**

**Grade Level: 12**

Expand your understanding of physics as you explore fluids, thermodynamics, electricity, magnetism, optics, and more. Counts as a laboratory science credit for college admission. If the end of the year AP test is passed, this can be equivalent to an introductory college biology for science and health care majors (note colleges may differ on credit).

*Prerequisite:* AP Physics I, Algebra II, Geometry

## **Astronomy**

**Grade Level: 9-12**

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

## **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.*

*Prerequisite:* "B" or better in 9<sup>th</sup> grade Science class



### **BSC 104 College Biology for the Non-Science Major (Dual Credit)**

**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 & BSC 104

### **Chemistry**

**Grade Level: 10, 11, 12**

Scientific discipline involved with atoms and compounds. The composition, structure, properties, and behavior are studied as different compounds undergo chemical reactions. *This course is offered as a block only.*

*Prerequisite:* 9th and 10th Grade Science

### **Chemistry Honors**

**Grade Level: 10, 11, 12**

Scientific discipline involved with atoms and compounds. The composition, structure, properties, and behavior are studied as different compounds undergo chemical reactions. Counts as laboratory science credit for graduation & college admission. *This course is offered as a block only.*

*Prerequisite:* Earth Space & Biology “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 acids/bases. 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**

Builds on fundamental knowledge of the chemical, physical, biological, and geological processes of our natural world while focusing on man's impact upon 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. Counts as a laboratory science credit for college admissions.

*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. Counts as a laboratory science credit for college admissions.

*Prerequisite:* 9<sup>th</sup> & 10<sup>th</sup> grade science.

## **Forensic Science – Dual Credit**

**Grade Level: 11, 12**

A college course 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:* 9<sup>th</sup> & 10<sup>th</sup> grade science & 3.0 Overall GPA

## **Herpetology**

**Grade Level: 10, 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.

## **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 I**

**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

## **Human Anatomy and Physiology II Honors**

**Grade Level: 11, 12**

A much more in-depth focus into the body systems that are often shorted due to limited time in one semester. Topics would be Digestion and Nutrition, reproduction, and genetics, Respiratory and urinary. Some review of basic terminology and important systems like the nervous endocrine and an exploration of medically-related fields.

*Prerequisite:* Anatomy & Physiology I (honors recommended) & Biology with a "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: 9, 10, 11, 12**

Intended for nonscience majors who are going to college. Develops core concepts from chemistry, physics, using concepts of structure and properties of matter, chemical reactions, forces and interactions, energy and waves as well as the electromagnetic spectrum. Students will engage in active inquiries, investigations, and hands-on activities as they demonstrate understandings and research and laboratory skills. This course counts as a laboratory credit for college admission.

## **Science Olympiad Class Honors**

**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.

Prerequisite: 9<sup>th</sup> grade science with a "B" or better

***New! Science Olympiad will be during the school day with Honors credit!***

## **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. Animal dissection is available, but not required.

Prerequisite: Biology

# **Social Studies**

## **Advanced Placement African American Studies**

**Grade Level: 10, 11, 12**

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

**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.

**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.

**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.

**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.

**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.

## **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. ADVANCED PLACEMENT EXAMINATION IS REQUIRED. Can replace World Studies.

*Prerequisite:* See honors course requirement forms

## **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) & 231 (American History from 1877) 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. History 231 is a general survey since Reconstruction. This emphasizes critical thinking skills. (3 hours per semester for a total of 6 credit hours) *This course is a full credit course for 2 semesters.*

*Prerequisite:* 3.0 GPA

## **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.

# **Sports Medicine**

## **Foundations of Sports Medicine**

**Grade Level: 10**

This course is designed to provide the student with knowledge on health care laws and ethics, medical terminology, basic anatomy, injury recognition, and infections control related to Sports Medicine. It is also designed to allow instructional content to focus on Sports Medicine related professions and teamwork. Students utilize problem-solving techniques and participate in hands on activities to develop an understanding of course concepts.

*Prerequisite:* High School Health

## **Advanced Principles of Sports Medicine**

**Grade Level: 11**

This course is designed to provide the student with knowledge on sports trauma and injuries. The instructional content will focus on the psychological effects of sports injury, emergency planning and injury evaluation, and technical skills. Students utilize problem-solving techniques and participate in hands on activities to develop an understanding of course concepts. *This course is offered as a block only.*

*Prerequisite:* Foundation of Sports Medicine

## **Athletic Injury Recognition and Prevention**

**Grade Level: 11**

Instructional content of this course will focus on sports injury prevention and rehabilitation. This course is designed to allow students to focus on nutrition for athletes, therapeutic modalities, therapeutic exercise and intervention, reconditioning, and pain management. Students will participate in a work-based clinical internship in the sports medicine industry. Due to health care industry standards, exemplary attendance is mandatory. *This course is offered as a block only.*

*Prerequisite:* Advanced Principles of Sports Medicine

## **Practical Applications of Sports Medicine**

**Grade Level: 12**

Instructional content of this course will focus on management of sports injuries. This course is designed to allow students to apply sports medicine skills and knowledge to analyze injuries, develop injury rehabilitation plans, perform specialized taping skills, and demonstrate leadership in the clinical setting. Students will participate in a work-based clinical internship in the sports medicine industry. Due to health care industry standards, exemplary attendance is mandatory. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. This course requires 100% drug testing prior to entering clinical experiences plus 30 hours each semester of observation hours.

*Prerequisite:* Athletic Injury Recognition and Prevention

# **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: 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: 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

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



# **2024-2025 COURSE GUIDE & PROGRAM APPLICATION**



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

# 2024-2025 COURSE OFFERINGS & DESCRIPTIONS

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

*\*Offering Embedded Credit*



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



### **Automotive Technology**

Instructor: James Saylor

Email: james.saylor@k12.wv.us

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

*\*Two-Year CTE completer program*

*\*Embedded Credit for Senior level math*



### **Building Maintenance & Operations**

Instructor: Donald Bauman

Email: donald.bauman@k12.wv.us

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

*\*Two-Year CTE completer program.*



### **Building Technology**

Instructor: TBD

Email:

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

*\*One year exploration program*

*\*Fine arts credit towards graduation upon completion of program*



### **Business Administration**

Instructor: Malory Baker

Email: mmbaker@k12.wv.us

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

*\*One year CTE completer program.*

### **Carpentry**

Instructor: Hugh Roberts

Email: fhroberts@k12.wv.us



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

*\*Two-Year CTE completer program*

*\*Embedded credit for Senior level math*

### **Coding App & Game Design**

Instructor: Robert May

Email: robert.w.may@k12.wv.us



Description: Coding, Application and Game Design allows students to create content personalized to their desires, while focusing on industry standards. Students will use websites such as Code.org, Weebly, Adobe, Odyssey, Scratch, Unity, and 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, and Ruby.

*\*One-year CTE completer program*

*\*Computer Science + Math Embedded Credit*

*\*Fine Arts credit towards graduation upon completion of program*





### **Collision Repair**

Instructor: Bobbie Payton

Email: bobbie.payton@k12.wv.us

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

*\*Two-Year CTE completer program*

*\*Embedded Credit for Senior level math*



### **Pre-Cosmetology** (Juniors and Seniors ONLY)

Instructor: Marla McCann

Email: marla.mccann@k12.wv.us

Instructor: Carol Christopher

Email: carol.christopher@k12.wv.us

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

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

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

*\*Offers embedded credit in Transitional English Language 12*

*\*Two-Year CTE completer program (Seniors/Juniors ONLY)*



### **Electrical**

Instructor: Tony Vaughn

Email: dvaughn@k12.wv.us

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

*\*Two-Year CTE completer program*

*\*Embedded credit for Senior level math*

### **Graphic Design**

Instructor: Dale Martin

Email: gdmartin@k12.wv.us



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

*\*Two-Year CTE completer program*

*\*Fine Arts credit towards graduation upon completion of program*

### **HVAC**

Instructor: Charlie Vaughn

Email: charles.vaughn@k12.wv.us



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

*\*Two-Year CTE completer program*

*\*Embedded credit for Senior-Level Math*



### **Law & Public Safety**

Instructor: Capt. Brian Lawrence (Ret)

Email: brian.lawrence@k12.wv.us

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

*\*Two-Year CTE completer program*

*\*Senior- Level English Embedded Credit*

### **Machine Trades**

Instructor: Jason Holley

Email: jason.holley@k12.wv.us



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

*\*Two-Year CTE completer program*

*\*Embedded credit for Senior level math*

### **Welding**

Instructor: Jeremey Lewis

Email: Jeremey.lewis@k12.wv.us



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

*\*Two-Year CTE completer program*

*\*Fine arts credit towards graduation upon completion of program*

*\*Embedded Credit for Senior level math*

# 2024-2025 PROGRAM APPLICATION

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

*\*Offering Embedded Credit*



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



# Cabell County Career Technology Center

## PROGRAM APPLICATION

### Student Information

Full name:	<div>Last</div> <div>First</div> <div>M.I.</div>	Date:	
Address:	<div>Street address</div> <div>Apt/Unit #</div> <div>City</div> <div>State</div> <div>Zip Code</div>	Phone:	
Birthdate:			
Parent Name:		Phone:	
WVEIS Number:		High School:	
School Counselor :			
Program applied for:	(top choice)		

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

- |  |   |
|--|---|
| <input type="checkbox"/> Automotive Technology (Embedded Credit)     | <input type="checkbox"/> Pre-Cosmetology (11 <sup>th</sup> & 12 <sup>th</sup> ONLY) |
| <input type="checkbox"/> Building Maintenance & Operations           | <input type="checkbox"/> Electrical (Embedded Credit)                               |
| <input type="checkbox"/> Building Technology (Fine Arts Credit)      | <input type="checkbox"/> Graphic Design (Fine Arts Credit)                          |
| <input type="checkbox"/> Business Administration                     | <input type="checkbox"/> HVAC (Embedded Credit)                                     |
| <input type="checkbox"/> Carpentry (Embedded Credit)                 | <input type="checkbox"/> Law & Public Safety (Embedded Credit)                      |
| <input type="checkbox"/> Coding App & Game Design (Fine Arts Credit) | <input type="checkbox"/> Machine Trades (Embedded Credit)                           |
| <input type="checkbox"/> Collision Repair (Embedded Credit)          | <input type="checkbox"/> Welding (Fine Arts Credit, Embedded Credit)                |

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

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

## References

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

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

## Achievements

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

---

---

---

## Simulated Workplace

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

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

Print Your Name Here

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

*(initial each item)*

## Disclaimer and signature

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

Student Signature:	_____	Date:	_____
Parent Signature:	_____	Date:	_____

# **2024-2025**

# **14TH YEAR APPLICATION**



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

# Year 14

## Year 14

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

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

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

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

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

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





# CABELL COUNTY CAREER TECHNOLOGY CENTER

## YEAR 14 APPLICATION & DATA COLLECTION

Please Print Clearly

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

**14<sup>th</sup> Year Applications are only for the following classes: Please circle your choice.**

Automotive Technology	Carpentry	Electrical Tech	HVAC
A+ Gaming	Collision Repair	Graphic Design	Machine Tool Trade
Building Maintenance	Computer Repair	Pre-Cosmetology	Welding

Student Name \_\_\_\_\_ ( \_\_\_\_\_ )

Last

First

M.I.

Other/Nickname

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

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

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

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

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

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

First time attending a "POST SECONDARY" school? Yes \_\_\_\_\_ No \_\_\_\_\_

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

### EMERGENCY CONTACT:

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

Address \_\_\_\_\_

Street Name, House Number, Apt. City State ZIP

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

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

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

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

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

Director/Principal • Melissa D. Ash

-----  
Office Use Only

WVEIS # \_\_\_\_\_ Program Attending \_\_\_\_\_  
Instructor \_\_\_\_\_ Program Hours \_\_\_\_\_  
Program Hours Per Week \_\_\_\_\_ Start Date \_\_\_\_/\_\_\_\_/\_\_\_\_

“WE TRAIN TODAY’S STUDENT FOR TOMORROW’S CHANGING WORKPLACE.”

Director/Principal • Melissa D. Ash

Revised 8/2023

# CABELL SCHOOLS RECONNECTED

Summer Learning Adventure

*Breakfast, lunch, and  
transportation will be provided*

*Create your story!*

## CLIMB CAMP FOR RISING 9TH GRADERS

*Hosted at  
CMHS and HHS*

*To prepare future high school students in Cabell County, each high school is excited to announce the inaugural High School Climb Institute for Incoming 9<sup>th</sup> Graders. During this three-day session, incoming ninth-grade students will be introduced to their core courses to engage in commonly used strategies and activities as well engage in team-based suspended curriculum activities that help introduce the 9<sup>th</sup> Grade Academy framework, expected behaviors, and services. Not only will they get a head start on expectations, but they will begin building relationships with teachers, administrators, counselors, and their fellow peers that are essential to academic and social/emotional success in high school. Students who attend this three-day institute will also receive their MacBook Air and learn about sports, clubs, and extracurricular opportunities offered in their schools. Transportation, breakfast, and lunch will be provided.*

*Build relationships with students  
from another middle school*

*Get your MacBook Air early!*

*Meet some of your teachers,  
principals, and counselors*

*Learn about sports, clubs, and  
extracurricular opportunities*

*Learn how to navigate the building*

# PROMISE Scholarship

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

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

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

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

### Academic Requirements

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

### Test Score Requirements

#### SAT Score

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

#### ACT Score

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



### Timeline for the Class of 2024

#### October 1, 2023

PROMISE Scholarship Available  
FAFSA Available

#### March 1, 2024

Promise Application Deadline  
FAFSA Filing Deadline

#### June 2024

Last SAT Date to Qualify for PROMISE

#### July 2024

Last ACT Date to Qualify for PROMISE



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

# Financial Aid Opportunities



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

## MARSHALL UNIVERSITY

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

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

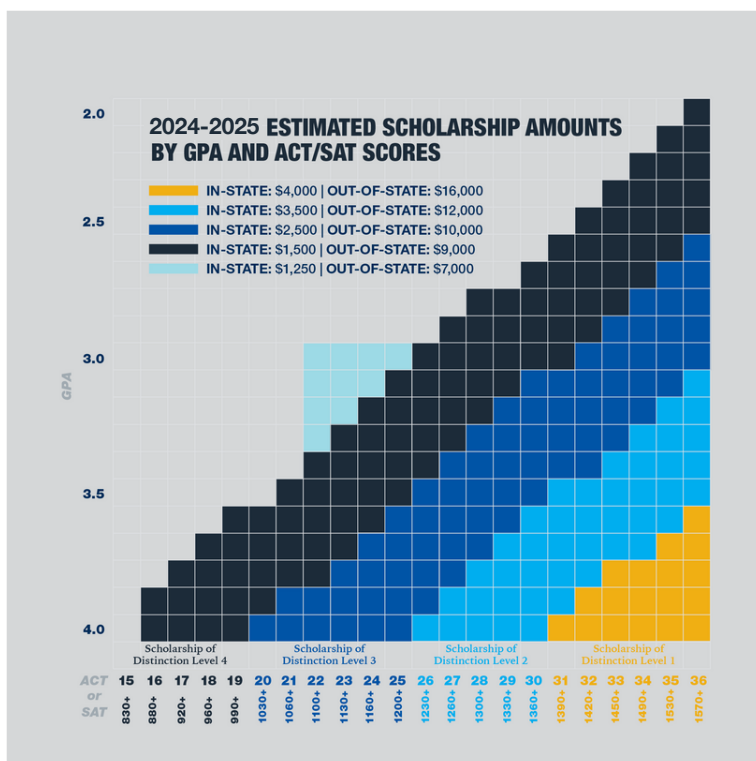
For more information contact the Office of Student Financial Aid  
sfa@marshall.edu or 304-696-3162



### Scholarship of Distinction



The Scholarship of Distinction is for score senders.



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

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