

# **JOHN MARSHALL HIGH SCHOOL**



**Course Description Booklet**

**Updated Feb. 29, 2016**

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# John Marshall High School Mission Statement

**The faculty, staff, and administration will provide a safe, caring, and productive environment for our students so that they will obtain necessary knowledge and skills to be dynamic citizens of our ever-changing society.**

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Dear John Marshall High School Students and Parents,

The JMHS administration and counseling staff are pleased to present the new John Marshall High School Course Description Booklet. The purpose of this booklet is to guide students in planning their academic programs. This plan will assist in fulfilling the graduation requirements for the state of West Virginia and Marshall County Schools. Planning course work is an important aspect of each student's high schools career, and a successful plan will prepare students for their post-graduation pursuits.

Students should carefully read and discuss their course options before making final decisions. Students may contact their counselor with any questions at 304-843-4444.

Sincerely,

Jason Marling  
Assistant Principal/Curriculum

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## COUNSELING DEPARTMENT

The student's assigned counselor will handle all academic and scheduling issues.

JMHS Counseling Staff	Student Last Name	Email Address	Phone# and Extension
Melanie Knutsen	A-G	mknutsen@k12.wv.us	304-843-4444 Ext. 131
Angie Curran	H-N	<a href="mailto:amgessler@k12.wv.us">amgessler@k12.wv.us</a>	304-843-4444 Ext. 138
Marilyn Wehrheim	O-Z	mwehrhei@k12.wv.us	304-843-4444 Ext. 145
<b>Support Staff</b>			
Dr. David Gaudino	Career Counselor	dgaudino@k12.wv.us	304-843-4444 Ext. 152
Sara Fincham	Violence Advocate/ Teen Dating	sfincham@ywcawheeling.org	304-843-4471

## MAKING COURSE SELECTIONS

Read this course description guide carefully. Each year of high school must be carefully planned to assure the student has fulfilled all requirements to enter post-secondary education or to begin a career with job-related skills upon graduation. It is important to realize that few jobs exist for students who do not have specific career preparation. As courses are selected, students and parents must determine if the selections are focused towards future educational or career plans. Students can use the checklist below to help determine their course selections:

- ✓ Determine the career focus that you are preparing to pursue.
  - ✓ Review your four-year plan to identify which courses are most appropriate for your career path.
  - ✓ Determine the specific graduation requirements necessary at each grade level.
  - ✓ Read each course description. Be familiar with the courses that are appropriate for each grade
-

- and career path. If you are unsure, consult with your counselor.
- ✓ Make sure that there is a clear understanding of course prerequisites. Some courses require certain grade averages, test scores, attendance requirements, or teacher recommendations.

### **COLLEGE EARLY ENTRANCE AT JOHN MARSHALL**

Dual credit is offered in various courses from West Virginia Northern Community College, Bethany College, West Liberty University, and West Virginia University to John Marshall High School students through the "early entrance" programs of the respective schools. Students may take a class and receive college credit as well as credit towards high school graduation. These courses are listed in the course description section with course requirements. Tuition fees are required and students must meet the prerequisite criteria set forth by each college. Dual credit courses carry an additional .5 value. These classes are subject to approval by respective colleges and may not be offered if enrollment is limited. The early entrance program is governed by the West Virginia Higher Education Policy Commission and as such, may change during the year. Decisions at the state level can affect and overrule local decisions regarding the offering of dual credit, so be sure to talk with a counselor to see which classes will be offered each semester.

### **PARTICIPATION IN GRADUATION EXERCISES**

In order to participate in graduation exercises at any Marshall County public high school, a student must have completed, without exception, all requirements for graduation as defined in Graduation Requirements or Board Policy for graduation. Students who fall short of requirements in any area shall not be permitted to participate in such exercises. **Source: Marshall County Board of Education Policy and/or minutes.**

### **ADVANCED PLACEMENT**

Advanced Placement (AP) courses provide rich course material, classroom discussions, and demanding assignments. The assignments typical of AP courses will help students develop the content mastery and critical thinking skills expected of college students, and feel confident in their abilities. Successful completion of national AP tests can lead to earning college credit and help a student stand out in the college admission process. AP courses require above-average WESTEST scores, teacher recommendation, and at least a 3.0 GPA. AP classes require additional time commitments for coursework both in class and outside of school in the form of summer readings, independent research, homework assignments, and study time. The amount of time will be higher than the amount of time designated for Honors classes. Students carrying a high number of AP classes need to take this into consideration especially if participating in after school curricular activities or working a part-time job. AP courses carry an additional 1.0 value.

AP Capstone is an innovative **two-year** program that provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for successful college completion. AP Capstone is built on the foundation of two courses — **AP Seminar (year one/junior year)** and **AP Research (year two/senior year)**— and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

#### **Benefits of the AP Capstone Program**

- Fosters the **research**, argumentation, and communication skills that are at the core of college readiness and essential for lifelong learning
- Provides a setting to build on the knowledge and rigorous course work of AP in an **interdisciplinary** format
- Offers students a unique opportunity to **distinguish** themselves to colleges and universities

In order to participate in the AP Capstone program, students must either be recommended by their teachers or apply for admission in the spring of the preceding school year. Prospective candidates must submit to an interview with the teachers of the AP Capstone Program, which may consist of either written and/or oral questioning.

### **HONORS COURSES**

John Marshall High School offers honor courses to academically advanced students. These courses offer in-depth scholarly exploration into the subject area. Honors classes will carry an additional

workload in the area of after school homework, reading assignments, study time and summer reading. Honors classes carry an additional .5 value.

### **CAREER and TECHNICAL EDUCATION**

Career and Technical Education at John Marshall encompasses a great variety of programs designed to equip students with work and life skills. Students explore career options and develop skills they will need to be successful in the modern workplace as well as prepare them for many technical college courses. Some courses can be a springboard to immediate employment for many graduates. Other students rely on technical education courses to prepare them for college and other post-secondary learning opportunities. More information can be found at <http://careertech.k12.wv.us>.

### **EDGE ARTICULATION AGREEMENT**

Earn a Degree, Graduate Early (EDGE) was created to address certain areas of curriculum duplication and at the same time provide incentives for more students to continue their education beyond high school. Students who participate in the EDGE initiative can earn community and technical college credit, free of charge, for the duplicated secondary and postsecondary courses identified during the curriculum alignment process.

To be eligible to receive credit in the EDGE initiative, a high school student must:

1. Enroll in an eligible EDGE high school course.
2. Pass the high school course and score a 75 percent or higher on the IPSI comprehensive exam or a 74 percent or higher on the WV Department of Education's End-of-Course Technical Skills exam.

All John Marshall students will be provided the opportunity to enroll in EDGE courses. EDGE courses are identified throughout the Course Description Booklet where the credit is listed for each class. More information can be found at <http://careertech.k12.wv.us>.

### **PROMISE SCHOLARSHIP INFORMATION**

Must complete high school graduation requirements at a West Virginia public or private high school. Must complete at least one half of credits required for high school graduation through attendance at a public or private high school in the state of West Virginia.

- Limited exceptions are available for students from West Virginia who commute daily to an out-of-state public or private high school and who qualify as a military dependent under Section 6 of the PROMISE Scholarship Program Rule.

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.

- The Core grade point average is determined based on the grades in all core courses a student completes on the core class listing, not just those required for graduation.
- Initial eligibility will be determined by grades at the end of the seventh high school semester, but applicants may qualify as late as after the eighth semester.
- Students using the last semester of high school to determine their eligibility are responsible for having their school send an official transcript identifying both the core and overall grade point averages.
- Applicants who qualify with seventh semester grades must maintain the grade point average requirement through the eighth semester or the scholarship will be revoked.
- If a student does not have a qualifying seventh semester grade point average, they must apply and have a completed FAFSA submitted by the March 1 deadline to be considered.
- Grade point average determination must be determined by a high school counselor or school official.
- Weighted grades may be used based on county board grading policy.

Dual Credit and other College Coursework

- Students can take an unlimited amount of credit hours prior to college enrollment and still be eligible for PROMISE Scholarship.
- College coursework taken in high will count towards initial eligibility but not towards PROMISE renewal requirements.

Students must complete the minimum core requirements listed here.

- English - 4 credits
- Mathematics - 4 credits
- Social Sciences - 4 credits
- Natural Sciences - 3 credits

#### Minimum Test Score Requirements

Must meet standardized test score criteria on ACT or SAT national test by the June testing dates of the application year.

- ACT Score requirement: 22 composite score with a minimum of 20 in English, Mathematics, Science, and Reading.
- SAT Score requirement: 1020 combined score with minimum of 480 in Mathematics and 490 in Critical Reading.

**\*Consult [www.cfww.com](http://www.cfww.com) for the latest information about the PROMISE Scholarship.**

#### **PROMOTION CREDIT REQUIREMENTS**

Students need to earn a minimum number of credits each year to be considered for upper class standing. Those requirements are:

To be considered a sophomore (10<sup>th</sup> grade) a student must earn a minimum of five (5) cumulative credits in his freshman year (9<sup>th</sup> grade).

To be considered a junior (11<sup>th</sup> grade) a student must earn a minimum of ten (10) cumulative credits from his freshman and sophomore (10<sup>th</sup> grade) years.

To be considered a senior (12<sup>th</sup> grade) and a candidate for graduation, a student must earn a minimum of eighteen (18) credits from his freshman (9<sup>th</sup> grade), sophomore (10<sup>th</sup> grade) and junior (11<sup>th</sup> grade) years.

One half credit (.5) is awarded for each semester of successfully completed work. Two semesters of successfully completed work equals one full credit. An earned letter grade of "D" or better is considered a passing mark.

#### **VIRTUAL SCHOOL**

Advanced students who are looking to enhance their education with electives not offered by John Marshall may be able to take virtual classes through an online environment. These classes require work outside of the normal day and a great deal of focus and discipline on the individual student to be successful. Students who do well learning independently and have at least a 3.0 GPA with a teacher's recommendation may be eligible to try virtual classes. Classes such as Cisco Networking, Interactive Game Design, Latin, German, Mandarin Chinese, Japanese, and others are available through the West Virginia Virtual School. More information can be found at <http://virtualschool.k12.wv.us>.

#### **CREDIT RECOVERY**

For students who need to recover credits from a core curricular class they previously failed, JM offers a credit recovery program after school, Monday through Friday, from 3:15 to 6:00. The credit recovery program uses the Plato Learning Environment to deliver subject material via an online program. Students should see their counselor to learn more information and start the program. Credit Recovery will only be offered during the following months after school: February, April, May, June (Summer School), and September. Credit Recovery can also be done during Saturday school, which is typically offered twice a month throughout the school year.

# West Virginia State Graduation Requirements

Core Requirements (18 credits)	
<b>English Language Arts*</b>	<b>4 credits</b> English 9 English 10 English 11 English 12 or English 12 CR or Transition English Language Arts for Seniors* An AP® English course may be substituted for any of the above courses.
<b>Mathematics*</b>	<b>4 credits<sup>1</sup></b> Math I Math II Math III STEM, or Math III LA or Math III TR Math IV or Math IV TR or Transition Mathematics for Seniors* or any other fourth course option (Chart V) An AP® Mathematics course may be substituted for an equivalent course or any fourth course option.
<b>Science*</b>	<b>3 credits</b> Physical Science (Grade 9) Biology or Conceptual Biology or AP® Biology (Grade 10) One additional lab science course or AP® science course (Chart V)
<b>Social Studies*</b>	<b>4 credits</b> World Studies (Grade 9) or an AP® Social Studies course United States Studies (Grade 10) or an AP® Social Studies course Contemporary Studies or an AP® Social Studies course Civics for the Next Generation or AP® Government and Politics.
<b>Physical Education*</b>	<b>1 credit</b> Physical Education 9-12 (WV Education Information System [hereinafter WVEIS course 6609]). At least 50 percent of class time for physical education should be spent in moderate to vigorous-intensity physical activity.
<b>Health*</b>	<b>1 credit</b> Health 9-12 (WVEIS course 6909)
<b>The Arts*</b>	<b>1 credit</b>
Graduation Requirements (6 personalized)	
<b>Personalized Education Plan</b>	<b>4 credits</b> Each student's PEP will identify course work for the four (4) credits that will lead directly to placement in entry-level, credit-bearing academic college courses, an industry-recognized certificate or license, or workforce training programs. Best practices encourage students to take at least 1 AP® and/or AC course with corresponding examination, a fourth Science credit, and 2 credits in one World Language, and/or four credits cumulating in acquisition of industry and recognized Career and Technical Education (hereinafter CTE) credential focused on career aspirations.

<p><b>Career and Technical Education (CTE)*</b></p>	<p>The four credits taken in a career and technical concentration must be consistent with those identified for WVDE approved career and technical programs of study. (Refer to W. Va. 126CSR44M, Policy 2520.13: Common Core Content Standards for Career and Technical Education in West Virginia Schools.) Each career and technical concentration in a school shall provide students the opportunity to obtain an industry recognized credential as part of the instructional program when applicable.</p> <p>School systems wishing to offer a concentration outside of the state approved CTE concentrations, must have four related courses approved by the local board of educations.</p> <p>Approved WV Career Clusters</p> <ul style="list-style-type: none"> <li>Agriculture, Food and Natural Resources</li> <li>Architecture and Construction</li> <li>Arts, A/V Technology and Communication</li> <li>Business Management and Administration</li> <li>Education and Training</li> <li>Government and Public Administration</li> <li>Health Sciences</li> <li>Hospitality and Tourism</li> <li>Human Services</li> <li>Information Technology</li> <li>Law, Public Safety, Correction and Security</li> <li>Manufacturing</li> <li>Marketing</li> <li>Science, Technology, Engineering and Mathematics</li> <li>Transportation, Distribution and Logistics</li> </ul> <p>Students with disabilities may earn 4 credits in Community Readiness Training recommended through an IEP Team as a personalized concentration.</p>
<p><b>World Languages</b></p>	<p>Communicating in a global society requires students to apply appropriate language strategies through embedded opportunities to explore and gain an understanding of the world around them. Undergraduate admission to West Virginia four-year colleges and universities include the completion of two units of the same world language.</p>
<p><b>Electives</b></p>	<p><b>2 Credits</b></p> <p>The remaining graduation requirements are to be electives. When choosing electives, students should consult with their chosen postsecondary educational program to make sure the electives are acceptable.</p>
<p><b>Developmentally Appropriate Practices for Student Success and Career Readiness</b></p>	
<p><b>Career Development</b></p>	<p>All students in grades 9-12 will be provided structured, on-going experiences for career exploration, decision making, and career preparation. Career development shall be an integrated approach, engaging all staff in assisting students during the school day to explore the 16 career clusters. Career exploration will include opportunities for students to discover their interests in emerging careers including STEM careers in science, oil &amp; gas, technology, engineering, and math. The school will engage student advisors in utilizing each student's career awareness activities to develop the PEP. Advisors will assist students and their parents to utilize their various interests, learning styles, career and academic assessments to guide educational planning and career choices. Career exploration activities will be documented in each</p>



	student's personalized career portfolios.
<b>Comprehensive School Counseling Program</b>	A standards-focused, integrated, comprehensive and developmental school counseling program will assist students with the acquisition of school success and career readiness skills to prepare for high school and postsecondary success. School counselors will work collaboratively with other school staff to assist students with academic and postsecondary planning that leads to seamless transitions to the identified postsecondary options. Refer to WVBE Policy 2315 to ensure alignment with policy requirements.
<b>Student Advocate/Advisor/Mentor</b>	High schools will implement an advisory system that provides students with meaningful supportive relationships and maximizes each student's personalized learning experience. An adult advocate, advisor, or mentor will take an interest in each student's successful learning, goal setting, career planning and personal growth. The advisory system shall be evidence based and systemically integrate school success and career readiness skills (e.g., work, ethic, communication skills, team work, collaborative skills, personal responsibility, social skills, organization, financial literacy, and study skills).
<b>Physical Activity</b>	High schools should recognize that healthy lifestyles and academic success are tightly interwoven. Therefore, schools should promote wellness activities that extend beyond the course requirements for physical education and health. This may be accomplished through programs that focus on skill development, sportsmanship and teamwork. Opportunities should be provided for 30 minutes of moderate to vigorous integrated physical activity daily to keep high school students physically active throughout the school year. Wellness education should target the widespread behaviors that undermine the health and resulting capacity for personal success during adolescence.
<b>Technology</b>	Students in grades 9-12 will be provided regular opportunities within the context of normal course work to master the standards set forth in WVBE Policy 2520.14. The infrastructure of classrooms should infuse technology and pedagogy to transform instruction, thus leading to improved student engagement. It is recommended that all students complete an online learning experience during grades 9-12. Students must be provided opportunities for advanced technology applications.

#### **IMPORTANT SCHEDULING NOTE**

The John Marshall High School Master Schedule is based on WVDE high school curriculum requirements and driven by student numbers and student interest. Courses and total course sections offered are determined by the number of students expressing interest in the course. While elective courses are offered in this booklet, courses may not be taught in a given school year if student numbers or personnel are not sufficient to offer the class.

# JMHS ALMA MATER

*The glory of John Marshall High  
will live for years to come.  
The faculty and students are  
united into one.*

*When we leave we'll ne'er forget  
the times we spent in learning,  
the knowledge and the friendships true  
which came from all our yearning.*

*All hail dear John Marshall,  
this love song lives for you.  
With all our hearts  
we wish to say,  
"We love you, yes we do!"*

*written and composed  
by senior student, Reva Litman  
(now Reva Icard) in 1968*



## How To Read a Course Description

COURSE TITLE:

**English Language Arts 10 American Literature Honors**

Course Name

Course

Number:

**40101H**

Course Number used in scheduling

**40102H**

Grade Level:

10

Grade level of students that can enroll in the course

Graduation

Credit:

1 Language

Arts

Graduation requirement met by the course and the number of credits earned

The content is the same as American Literature with more depth and at a quicker pace for the advanced student. Since this is a feeder course into AP Literature 11, students are required to enrich their literary background through assigned summer reading and supplemental reading throughout the school year. The approximate out of class preparation time for this course is 1 to 2 hours per evening.

**Duration:** 2 semesters

**Prerequisite:** See criteria for Honors Placement. Must pass both semesters of English Language Arts 9 in order to take Honors. For students not in honors class last year or a transfer student, standardized test scores and grades will be used.



# CORE COURSES

## ENGLISH

<b>COURSE TITLE:</b>	<b>English Language Arts 9</b>
Course Number: <b>400910</b> <b>400920</b>	English Language Arts 9 focuses on the Next Generation CSOs in reading, writing, grammar, speaking and technology that the state requires be taught with an emphasis placed on writing.
Grade Level: 9	Duration: 2 semesters
Graduation Credit: 1 Language Arts	
<b>COURSE TITLE:</b>	<b>English Language Arts 9 Honors</b>
Course Number: <b>40091H</b> <b>40092H</b>	English Language Arts 9 Honors has the same concepts as English Language Arts 9. More formal writing will be introduced. Literary structures will be analyzed and elements of writing will be surveyed.
Grade Level: 9	Duration: 2 semesters
Graduation Credit: 1 Language Arts	
<b>COURSE TITLE:</b>	<b>English Language Arts 10</b>
Course Number: <b>401010</b> <b>401020</b>	The Next Generation CSOs surveys various genres of fiction and non-fiction literature. Emphasis is placed on major literature samples, writers, and historical literary background. A research paper/project using MLA format is required. All content standards including grammar and mechanical skills are covered. Out-of-class assignments including reading and writing are required in this course.
Grade Level: 10	Duration: 2 semesters
Graduation Credit: 1 Language Arts	



<b>COURSE TITLE:</b>	<b>English Language Arts 10 Honors</b>
<p>Course Number: <b>40101H</b> <b>40102H</b></p> <p>Grade Level: 10</p> <p>Graduation Credit: 1 Language Arts</p>	<p>The Next Generation CSOs surveys various genres of fiction and non-fiction literature. Emphasis is placed on major literature samples, writers, and historical literary background. A research paper/project using MLA format is required. All content standards – including grammar and mechanical skills – are covered. Out-of-class assignments – including reading and writing – are required in this course. Since this is a feeder course into English Language Arts 11 Advanced Placement, students are required to enrich their literary background through assigned summer reading.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Students must submit a writing sample for approval into the course. Must pass both semesters of English Language Arts 9. For students not in honors class last year or transfer students, standardized test scores and grades will be used.</p>
<b>COURSE TITLE:</b>	<b>English Language Arts 11</b>
<p>Course Number: <b>401110</b> <b>401120</b></p> <p>Grade Level: 11</p> <p>Graduation Credit: 1 Language Arts</p>	<p>This Next Generation CSOs surveys English literature from the Anglo-Saxon era to the present. Emphasis is placed on major literary samples, writers, and historical literary background of Great Britain. A research project/paper is required. Grammar and mechanical skills are reviewed.</p> <p>Duration: 2 semesters</p>

**“Whether you think you can or you can’t, you’re right.”**

**-Henry Ford**  
**American industrialist, founder of the Ford Motor Company**



<b>COURSE TITLE:</b>	<b>Advanced Placement English Literature and Composition</b>
<p>Course Number: <b>40421A</b> <b>40422A</b></p> <p>Grade Level: 11</p> <p>Graduation Credit: 1 Language Arts</p>	<p>Students are required to enrich their literary backgrounds through assigned summer reading and supplemental reading throughout the school year. The major intent of this course is to guide students to take the Advanced Placement Exam in literature and composition in May of their junior year, providing them with the opportunity to earn up to six hours of college credit or honors recognition at the college level. Extensive out-of-class reading and preparation is required. Students should expect to spend 1 to 2 hours of time per night in preparation for this class.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Student must have a "B" average or better in English Language Arts 10; Smarter Balanced Test performance may also be considered.</p>
<b>COURSE TITLE:</b>	<b>English Language Arts 12</b>
<p>Course Number: <b>401210</b> <b>401220</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Language Arts</p>	<p>This course focuses on reading and writing non-fiction prose, principally narrative, persuasive, and expository essays, to allow for successful transition to post-secondary schools. Students closely analyze written and visual sources, synthesize material from these texts to create their own compositions, create and present multimedia projects and utilize MLA and APA conventions. All content standards and objectives are covered. Out-of-class reading and writing is required in this course.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: English Language Arts 10 and English Language Arts 11 or AP/DC English Literature and Composition</p>
<b>COURSE TITLE:</b>	<b>English Language Arts 12 Dual Credit</b>
<p>Course Number: <b>40121X</b> <b>40122X</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Language Arts</p> <p>College Credit: WLU ENG 101 (3 credits) ENG 102 (3 credits)</p>	<p>This course focuses on reading and writing non-fiction prose, principally narrative, persuasive, and expository essays, to allow for successful transition to post-secondary schools. Students closely analyze written and visual sources, synthesize material from these texts to create their own compositions, create and present multimedia projects and utilize MLA and APA conventions. All content standards and objectives are covered. This college-level course focuses on teaching and analyzing rhetoric in written and visual text and applying those concepts to student compositions and projects. Extensive out-of-class reading and writing is required in this course.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Must have a "B" or better average in English Language Arts 11; Smarter Balanced Test performance may also be considered. Students must meet entrance requirements by respective colleges to be enrolled in class.</p>

**“Do not let what you cannot do stop you from what you can do.”**

**-John Wooden**  
**10 time National Champion, UCLA Basketball**

<b>COURSE TITLE:</b>	<b>Advanced Placement English Language and Composition</b>
Course Numbers: <b>40411A</b> <b>40412A</b>	<p>This advanced placement course focuses on teaching and analyzing rhetoric in written and visual text and applying those concepts to student compositions and projects. This course focuses on reading and writing non-fiction prose, principally narrative, persuasive, and expository essays, to allow for successful transition to post-secondary schools and to pass the English Language and Composition Advanced Placement exam. Successful passage of the exam provides student with the opportunity to earn up to six hours of college credit or honors recognition at the college level. Students closely analyze written and visual sources, synthesize material from these texts to create their own compositions, create and present multimedia projects and utilize MLA and APA conventions. All content standards and objectives are covered. Extensive out of class reading and writing is required in this course, including summer reading assignments.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Must have a B or better average in English Language Arts 11; Smarter Balanced Test performance may also be considered. Should be taken along with AP/DC Civics and Government.</p>
Grade Level: 12	
Graduation Credit: 1 Language Arts	



# **MATHEMATICS**

<b>COURSE TITLE:</b>	<b>Math I</b>
Course Numbers: <b>301210</b> <b>301220</b>  Grade Level: 9  Graduation Credit: 1 Math	This full-credit course designed for students enrolled in grade 9 is the foundation for all high school mathematics courses. Math 1 combines Algebra 1, Algebra 2, and Geometry. This course teaches the basics of these three courses. The goal of Math 1 is to provide a better flow of concepts and connections between courses previously taught. This course prepares students for Math 2.  Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Math I Lab</b>
Course Numbers: <b>301310</b> <b>301320</b>  Grade Level: 9  Graduation Credit: 1 Math	Enrollment in this elective credit course is based on below mastery test scores, and grades from 6th through 8th grade. This class is to be taken the same year as Math 1, and will supplement and support Math 1 Common Cores CSOs. This class will refresh content that is required for a student to be successful in Math I.  Duration: 2 semesters  Prerequisite: 8 <sup>th</sup> Grade Math
<b>COURSE TITLE:</b>	<b>Math II</b>
Course Numbers: <b>301410</b> <b>301420</b>  Grade Level: 9/10  Graduation Credit: 1 Math	The focus is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics 1 as organized into six critical areas, or units. The link between probability and data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. Circles and their quadratic algebraic representations, round out the course.  Duration: 2 semesters  Prerequisite: Math I

**“The best preparation for good work tomorrow is to do good work today.”**

**-Elbert Hubbard**  
**American writer, publisher, artist, and philosopher**



<b>COURSE TITLE:</b>	<b>Transition Math For Seniors</b>
Course Numbers: <b>305210</b> <b>305220</b>	Transitional Math for Seniors prepares students for their entry-level credit-bearing liberal studies mathematics course at the post-secondary level. This course will solidify their quantitative literacy by enhancing numeracy and problem solving skills as they investigate and use the fundamental concepts of algebra, geometry, and introductory trigonometry.
Grade Level: 12	
Graduation Credit: 1 Math	Duration: 2 semesters  Prerequisite: Math III or teacher recommendation
<b>COURSE TITLE:</b>	<b>Math III (LA) Liberal Arts</b>
Course Numbers: <b>301510</b> <b>301520</b>	The High School Math III course builds on the Math II course and offers a more personalized learning plan aligned to students' career aspirations – Math III LA, Math III STEM, or Math III TR. It is in Math III that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational and radical functions. They expand their study of right triangle trigonometry to include general triangles. Finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.
Grade Level: 10-11	
Graduation Credit: 1 Math	Duration: 2 semesters  Prerequisite: Math I & II
<b>COURSE TITLE:</b>	<b>Math III (STEM)</b>
Course Numbers: <b>301610</b> <b>301620</b>	The High School Math III course builds on the Math II course and offers a more personalized learning plan aligned to students' career aspirations – Math III LA, Math III STEM, or Math III TR. It is in Math III that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational and radical functions. They expand their study of right triangle trigonometry to include general triangles. Finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.
Grade Level: 10-11	
Graduation Credit: 1 Math	Duration: 2 semesters  Prerequisite: Math I & II

**“We are what we repeatedly do. Excellence, therefore, is not an act, but a habit.”**

**-Aristotle  
Greek Philosopher**

<b>COURSE TITLE:</b>	<b>Math III (TR) Technical Readiness</b>
<p>Course Numbers: <b>301710</b> <b>301720</b></p> <p>Grade Level: 10-11</p> <p>Graduation Credit: 1 Math</p>	<p>The High School Math III course builds on the Math II course and offers a more personalized learning plan aligned to students' career aspirations – Math III LA, Math III STEM, or Math III TR. It is in Math III that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into four critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational and radical functions. They expand their study of right triangle trigonometry to include general triangles. Finally, students bring together all of their experience with functions and geometry to create models and solve contextual problems.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Math I &amp; II</p>
<b>COURSE TITLE:</b>	<b>Math IV (TR) Technical Readiness</b>
<p>Course Numbers: <b>301910</b> <b>301920</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Math</p>	<p>Math IV Technical Readiness builds from the mathematics content of Math III through integration of career clusters. These courses integrate academics with hands-on career content. The collaborative teaching model is recommended based at our CTE centers. The involvement of a highly qualified Mathematics teacher and certified CTE teachers will ensure a rich, authentic and respectful environment for delivery of the academics in "real world" scenarios.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Math III TR</p>
<b>COURSE TITLE:</b>	<b>Math IV</b>
<p>Course Numbers: <b>301810</b> <b>301820</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Math</p>	<p>The fundamental purpose of Mathematics IV is to generalize and abstract learning accumulated through previous courses and to provide the final springboard to calculus. Students take an extensive look at the relationships among complex numbers, vectors, and matrices. They build on their understanding of functions, analyze rational functions using an intuitive approach to limits and synthesize functions by considering compositions and inverses. Students expand their work with trigonometric functions and their inverses and complete the study of the conic sections begun in Mathematics II. They enhance their understanding of probability by considering probability distributions. Previous experiences with series are augmented.</p> <p>Prerequisite: Math 3 STEM or non-Math major college bound Math 3 LA students</p>
<b>COURSE TITLE:</b>	<b>College Algebra III Dual Credit</b>
<p>Course Numbers: <b>30511H</b> <b>30512H</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: ½ Math</p> <p>College Credit: WVU MATH 126</p>	<p>College Algebra III is worth 3 credits at WVU. This is a semester (half credit) course at JMHS. Marshall County pays for your textbook. Students pay class fees to WVU. This course follows WVU's calendar.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Overall 3.0 average, "C" or better in Math I, Math II, and Math III and a passing grade on the WVU placement test.</p>

<b>COURSE TITLE:</b>	<b>College Trigonometry Dual Credit</b>
Course Numbers: <b>30481H</b> <b>30482H</b>	Worth 3 credits at WVU. This is a semester (half credit) course at JMHS. Marshall County pays for your textbook. Student pays class fees to WVU. This course follows WVU's calendar.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Math	Prerequisite: College Algebra III Dual Credit
College Credit: WVU MATH 128	
<b>COURSE TITLE:</b>	<b>Probability and Statistics Dual Credit</b>
Course Numbers: <b>30471X</b> <b>30472X</b>	This course is the study of descriptive statistics, the basic laws of probability, and elementary inferential statistics. The intent of the course is to assist students in the analysis of data collected for projects, better prepare them for college statistics class, and to make them aware of the many ways collected data are often misused.
Grade Level: 11-12	Duration: 2 semesters
Graduation Credit: 1 Math	Prerequisite: Math III
College Credit: Bethany MATH 383	
<b>COURSE TITLE:</b>	<b>Calculus Advanced Placement AB</b>
Course Numbers: <b>30311A</b> <b>30312A</b>	Differential and integral calculus with application involving polynomial, exponential, logarithmic, and trigonometric functions. Homework is 1 to 1.5 hours per night. The major intent of this course is to guide students to take the Advanced Placement Exam in May, providing them with the opportunity to earn three hours college credit.
Grade Level: 11-12	Duration: 2 semesters
Graduation Credit: 1 Math	Prerequisite: Math III Stem
<b>COURSE TITLE:</b>	<b>Calculus Advanced Placement BC</b>
Course Numbers: <b>30321A</b> <b>30322A</b>	This course is an extension of the topics covered in Calculus AB, including arc-length, additional techniques of integration, improper integrals, and indeterminate forms. A thorough treatment is given to "infinite series," including Taylor, Maclaurin, and Power series. Parametric equations, polar coordinates, vector-valued functions, along with advanced topics on exponential growth and decay are also studied. Homework required is 1 to 1.5 hours per night. The major intent of this course is to guide students to take the Advanced Placement Exam in May, providing them with the opportunity to earn up to six hours college credit.
Grade Level: 11-12	Duration: 2 semesters
Graduation Credit: 1 Math	Prerequisite: AP Calculus AB

**“Every accomplishment starts with a decision to try.”**

**-Gail Devers  
Olympic Gold Medalist, Track and Field**

# SCIENCE

<b>COURSE TITLE:</b>	<b>Earth Science</b>
Course Numbers: <b>620110</b> <b>620120</b>  Grade Level: 9  Graduation Credit: 1 Science	Students will study weathering, rocks, minerals, plate tectonics, oceans, space, and weather.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Earth Science Honors</b>
Course Numbers: <b>62011H</b> <b>62012H</b>  Grade Level: 9  Graduation Credit: 1 Science	Students will study weathering, rocks, minerals, plate tectonics, oceans, space, and weather. All topics covered in 9th grade Earth and Space Science will be examined more in depth.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Biology</b>
Course Numbers: <b>602110</b> <b>602120</b>  Grade Level: 10  Graduation Credit: 1 Science	A general lab science course designed to introduce the student to the life sciences. Topics covered may include scientific method, cellular biology, genetics, evolution and environmental studies.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Biology Honors</b>
Course Numbers: <b>60211H</b> <b>60212H</b>  Grade Level: 10  Graduation Credit: 1 Science	A general lab science course designed for the student interested in pursuing science on a more advanced level. All topics covered in 10th grade Biology will be examined more in depth.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Biology II</b>
Course Numbers: <b>602310</b> <b>602320</b>  Grade Level: 11-12  Graduation Credit: 1 Science	Students will explore the concepts of biodiversity, viruses, protists, organic compounds, cellular transport, nucleic acids, protein synthesis, cellular respiration/fermentation, and body systems. Students will be required to complete several animal dissections for comparative anatomy studies. No alternative assignment will be given in place of dissections. <u>This class is not intended for students who plan to attend a 4-year college. This course will not count as one of the three lab sciences required for graduation.</u>  Duration: 2 semesters  Prerequisite: Students must have passed Biology.

<b>COURSE TITLE:</b>	<b>Advanced Placement Biology</b>
<p>Course Numbers: <b>61211A</b> <b>61212A</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Science</p>	<p>AP Biology is an advanced level biology class following the course of study prescribed by the College Board. A college text will be used in order to prepare students for success on the AP exam. Students are encouraged to take the Advanced Placement Examination, which may qualify them to earn college credit for their first year college biology course. Students who intend to pursue a medical/science career path OR who have excelled in academics and want to test out of freshman Biology in college should strongly consider taking this course. Courses that would be helpful to have taken or be taken concurrently, but are not required include Microbiology and Chemistry I. Study time averages 1 hour per night. A summer assignment may be given in order to reduce the course-load throughout the year and is expected to be completed on time.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Successful completion (A/B average) of Biology and Math II.</p>
<b>COURSE TITLE:</b>	<b>Chemistry I</b>
<p>Course Numbers: <b>603110</b> <b>603120</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Science</p>	<p>Chemistry I is intended to provide students with a basic background in chemistry and teach problem-solving techniques. Students will perform experiments relating to the covered topics. Students taking Chemistry I are encouraged to take Chemistry 2. This course is designed to prepare a student for college chemistry.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Successful completion of Math I.</p>
<b>COURSE TITLE:</b>	<b>Chemistry I Honors</b>
<p>Course Numbers: <b>60311H</b> <b>60312H</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Science</p>	<p>Chemistry Honors is the first year of AP Chemistry and uses a college text to study basic concepts, atomic structure, energy changes in reactions and chemical bonding. Study time averages 1 to 2 hours per night. This class is difficult and requires a serious time commitment from the student in order to be successful. Well-developed problem solving skills are essential. Completion of summer assignment by due date is required.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Chemistry II</b>
<p>Course Numbers: <b>603310</b> <b>603320</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Science</p>	<p>Chemistry II is a continuation of Chemistry I. This course covers reaction rates, equilibrium, acids and bases, and electrochemistry and places emphasis on laboratory skills.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Maintain at least a "C" average in Chemistry I.</p>

<b>COURSE TITLE:</b>	<b>Advanced Placement Chemistry</b>
Course Numbers: <b>63211A</b> <b>63212A</b>  Grade Level: 11-12  Graduation Credit: 1 Science	This course uses a college text and is designed to prepare students for the AP Chemistry Exam and earn college credit for a first year college chemistry course. Homework study time averages 1½ to 2 hours per night. Completion of ALL summer assignments by due date is required. <u>Students take Advanced Placement LAB concurrently with AP Chemistry.</u>  Duration: 2 semesters  Prerequisite: Successful completion of Chemistry I Honors.
<b>COURSE TITLE:</b>	<b>Advanced Placement Chemistry Lab</b>
Course Numbers: <b>63221A</b> <b>63222A</b>  Grade Level: 11-12  Graduation Credit: 1 Science	This course uses college level texts and lab manuals to prepare students to pass the AP Chemistry exam. Homework and laboratory notebook reports average 3-5 hours of work outside of class time per week. <u>Must be taken concurrently with Advanced Placement Chemistry.</u>  Duration: 2 semesters  Prerequisite: Successful completion of Chemistry I Honors.
<b>COURSE TITLE:</b>	<b>Physics I</b>
Course Numbers: <b>604110</b> <b>604120</b>  Grade Level: 11-12  Graduation Credit: 1 Science	Physics is designed for those planning careers in science, physical therapy, engineering, dentistry, pharmacology, etc. This course prepares students for college-level physics.  Duration: 2 semesters  Prerequisite: Successful completion of Math I & II.
<b>COURSE TITLE:</b>	<b>Advanced Placement Physics I</b>
Course Numbers: <b>63261A</b> <b>63262A</b>  Grade Level: 11-12  Graduation Credit: 1 Science	This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits.  Duration: 2 semesters  Prerequisite: Successful completion of Math I & II (or equivalent Math courses) and teacher recommendation.
<b>COURSE TITLE:</b>	<b>Advanced Placement Physics 2</b>
Course Numbers: <b>63271A</b> <b>63272A</b>  Grade Level: 12  Graduation Credit: 1 Science	This course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics.  Duration: 2 semesters  Prerequisite: Successful completion of Math I and II (or equivalent Math courses) and teacher recommendation. Completion of AP Physics 1.

<b>COURSE TITLE:</b>	<b>Microbiology</b>
Course Numbers: <b>616210</b> <b>616220</b>  Grade Level: 11-12  Graduation Credit: 1 Science	This course studies microorganisms and genetics. It focuses on developing good microscope/lab skills and techniques by surveying various microorganisms. Students will complete a genetic component, including a <i>Drosophila</i> project, upon taking the course. This course is intended for students expecting to pursue a medical career path or a degree in science. <u>This course will not count as one of the three lab sciences required for graduation.</u>  Duration: 2 semesters  Prerequisite: "B" average in Biology
<b>COURSE TITLE:</b>	<b>Earth Science (Sophomores, Juniors and Seniors)</b>
Course Numbers: <b>620111</b> <b>620121</b>  Grade Level: 10-12  Graduation Credit: 1 Science	Students will study weathering, rocks, minerals, plate tectonics, oceans, space, and weather. Students will use basic Algebra and build on topics covered in Physical Science and Biology.  Duration: 2 semesters  Prerequisite: 10 <sup>th</sup> grade students may only take this course upon teacher recommendation.
<b>COURSE TITLE:</b>	<b>Environmental Science</b>
Course Numbers: <b>631210</b> <b>631220</b>  Grade Level: 11-12  Graduation Credit: 1 Science	This course builds on previous knowledge of chemical, physical, biological, and geological processes and focuses on the natural world. Students will develop an understanding of how humans affect and are affected by the environment. Students <b>must be trustworthy, independent workers, and will be required to go outside</b> to test the stream behind the school, identify native trees, and collect data for GLOBE which will be entered on the GLOBE website. Students will also use GIS to study watersheds.  Duration: 2 semesters  Prerequisite: Math I & II, Chemistry (preferred)
<b>COURSE TITLE:</b>	<b>Zoology</b>
Course Numbers:   Grade Level: 11-12  Graduation Credit: 1 Elective	The Zoology elective builds on the biology core with added emphasis on animal taxa, basic body plans, symmetry, and behavior. This course encourages critical thinking, use of the scientific method, integration of technology, and application of knowledge and skills learned. A variety of learning opportunities will be utilized, including lecture/discussion, reading in the content area, written assignments, and laboratory exercises. Dissections are REQUIRED. This class is intended for students who plan to attend a 4-year college. This course will not count as one of the three lab sciences required for graduation.  Duration: 2 semesters  Prerequisite: Successful completion of Physical Science and Biology



<b>COURSE TITLE:</b>	<b>Forensic Science I</b>
Course Numbers: <b>606200</b>	<p>This semester class is designed for students who desire a hands-on science course that integrates physics, chemistry, and biology. Students will use problem-solving skills, laboratory science, and content knowledge of all fields of science to solve hypothetical crimes. <u>This course can be counted as one of the three lab sciences required for graduation but students must check with individual colleges to be sure it will be accepted.</u></p> <p>Duration: 1 semester</p> <p>Prerequisite: Successful completion of Physical Science 9, Biology, and Math II with a "C" average.</p>
Grade Level: 11-12	
Graduation Credit: ½ Science	
<b>COURSE TITLE:</b>	<b>Forensic Science II</b>
Course Numbers: <b>606300</b>	<p>This semester class is designed for students who wish to continue working in a hands-on science course that integrates physics, chemistry, and biology. Students will use problem-solving skills, laboratory science, and content knowledge of all fields of science to solve hypothetical crimes at an advanced level. <u>This course can be counted as one of the three lab sciences required for graduation but students must check with individual colleges to be sure it will be accepted.</u></p> <p>Duration: 1 semester</p> <p>Prerequisite: Successful completion of Physical Science 9, Biology, Math II and Forensic Science I with a "C" average.</p>
Grade Level: 11-12	
Graduation Credit: ½ Science	
<b>COURSE TITLE:</b>	<b>Human Anatomy and Physiology Honors/EDGE</b>
Course Numbers: <b>6103E1</b> <b>6103E2</b>	<p>This course provides an insight into the workings of the human body and various body systems. Emphasis is on laboratory work. This course is for students expecting to continue in a medical or science related career path. <u>Students may earn EDGE credit through WV Northern.</u></p> <p>Duration: 2 semesters</p> <p>Prerequisite: Successful completion of Microbiology and/or Chemistry is recommended but not required.</p>
Grade Level: 12	
Graduation Credit: 1 Science	





# **SOCIAL STUDIES**

<b>COURSE TITLE:</b>	<b>World Studies</b>
<p>Course Numbers: <b>701010</b> <b>701020</b></p> <p>Grade Level: 9</p> <p>Graduation Credit: 1 Social Studies</p>	<p>The course emphasizes the historic economic, geographic, political, and social structure of various cultural regions of the world from the dawn of civilization to the 20<sup>th</sup> Century. Special attention is given to the formation and evolution of societies into complex political and economic systems.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>World Studies Honors</b>
<p>Course Numbers: <b>70101H</b> <b>70102H</b></p> <p>Grade Level: 9</p> <p>Graduation Credit: 1 Social Studies</p>	<p>The course emphasizes the historic, economic, geographic, political, and social structure of various cultural regions of the world from the dawn of civilization to the 20<sup>th</sup> Century. Special attention is given to the formation and evolution of societies into complex political and economic systems. The Honors course requires well-developed reading, writing, and research skills. Students should be highly motivated and are expected to participate in class. The course requires a minimum of 4 hours of homework per week.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: "A" or "B" average in 8th grade West Virginia History and teacher/counselor recommendation.</p>
<b>COURSE TITLE:</b>	<b>U.S. Studies</b>
<p>Course Numbers: <b>700910</b> <b>700920</b></p> <p>Grade Level: 10</p> <p>Graduation Credit: 1 Social Studies</p>	<p>This course studies the forming of the United States from the Pre-Columbian civilizations to its transformation as a dominant political and economic influence in the world at the beginning of the 20<sup>th</sup> Century. Special emphasis is placed on the evolution of the Constitution, and how the challenges of settling expansive and widely-differing environments were met by a diverse population.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>U.S. Studies Dual Credit</b>
<p>Course Numbers: <b>70091X</b> <b>70092X</b></p> <p>Grade Level: 10</p> <p>Graduation Credit: 1 Social Studies</p> <p>College Credit: Bethany HIST 201</p>	<p>This course studies the forming of the United States from the Pre-Columbian civilizations to its transformation as a dominant political and economic influence in the world at the beginning of the 20<sup>th</sup> Century. Special emphasis is placed on the evolution of the Constitution as a living document, and how the challenges of settling expansive and widely-differing environments were met by a diverse population. The course requires well-developed reading, writing, and research skills. Students should be highly motivated and are expected to participate in class.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: "A" or "B" average in 9th grade Social Studies and teacher/counselor recommendation.</p>

<b>COURSE TITLE:</b>	<b>Contemporary Studies</b>
Course Numbers: <b>701110</b> <b>701120</b>  Grade Level: 11  Graduation Credit: 1 Social Studies	The focus of this course is on America and its role in the world from 1914 to the present. Themes of study include American reform movements, cultural values, economic and technological development, geography and environment, diversity, conflict, democratic principles, and global interdependency.  Duration: 2 semester
<b>COURSE TITLE:</b>	<b>Contemporary Studies Dual Credit</b>
Course Numbers: <b>70111X</b> <b>70112X</b>  Grade Level: 11  Graduation Credit: 1 Social Studies  College Credit: Bethany HIST 202	The focus of this course is on America and its role in the world from 1914 to the present. Themes of study include American reform movements, cultural values, economic and technological development, geography and environment, diversity, conflict, democratic principles, and global interdependency.  Duration: 2 semester
<b>COURSE TITLE:</b>	<b>Advanced Placement U.S. History</b>
Course Number: <b>70461A</b> <b>70462A</b>  Grade Level: 11  Graduation Credit: 1 Social Studies	The course will cover U.S. history from the pre-Columbian era to the present. Students will examine American political institutions and behavior, public policy, social and economic change, diplomacy and international relations, and cultural and intellectual developments. The AP course uses a college-level text and requires well-developed reading, writing, and research skills. Students should be highly motivated and are expected to participate in class. The course requires a minimum of 5 hours of homework per week.  Duration: 2 semesters  Prerequisite: "A" or "B" average in Social Studies and teacher/counselor recommendation.
<b>COURSE TITLE:</b>	<b>Civics for the Next Generation</b>
Course Numbers: <b>703110</b> <b>703120</b>  Grade Level: 12  Graduation Credit: 1 Social Studies	In this course, students develop the knowledge, skills and dispositions to engage in civic life. The two broad areas of study are government and politics, civic life, and personal finance. Special emphasis is placed on analysis of the personal, political and economic roles of responsible citizens in American democracy.  Duration: 2 semesters

**“All of our dreams can come true, if we have the courage to pursue them.”**

**-Walt Disney**  
**Business pioneer, cartoonist, and filmmaker**

<b>COURSE TITLE:</b>	<b>Advanced Placement Government &amp; Politics: U.S.</b>
<p>Course Numbers: <b>70441A</b> <b>70442A</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Social Studies</p>	<p>This advanced course examines constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national government, public policy, civil rights, and civil liberties. Fundamental economic principles and personal finance issues are included (as required by the state). The AP course is taught with college-level texts and requires well-developed reading, writing, and research skills. Students should be highly motivated and are expected to participate in class. Course requires an average of 3-5 hours of homework per week.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Should be taken along with AP English Language. "A" or "B" average in social studies recommended.</p>
<b>COURSE TITLE:</b>	<b>Civics &amp; Government: U.S. Dual Credit</b>
<p>Course Numbers: <b>70441X</b> <b>70442X</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Social Studies</p> <p>College Credit: Bethany POLS 225</p>	<p>This accelerated course examines constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national government, public policy, civil rights, and civil liberties. Fundamental economic principles and personal finance issues are included (as required by the state). This course is taught with college level texts and requires well developed reading, writing, and research skills. Students should be highly motivated and are expected to participate in class. Emphasis is also placed on analysis of the personal, political and economic roles of the responsible citizen.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Should be taken along with English 12 Dual Credit.</p>



<b>COURSE TITLE:</b>	<b>Advanced Placement Government &amp; Politics: Comparative</b>
<p>Course Numbers: <b>70431A</b> <b>70432A</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Social Studies</p>	<p>In this course, students develop an understanding of fundamental concepts used by political scientists to study the processes and outcomes of politics in China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students will learn to compare and contrast the political institutions of those nations as well as analyze and interpret relevant basic data. This is an expansion of what is learned in U.S. Government and Politics AP, although highly motivated juniors are encouraged to take the class as well. Course may require an average of 3 hours of homework per week.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Advanced Placement European History</b>
<p>Course Numbers: <b>70451A</b> <b>70452A</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Social Studies</p>	<p>The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. This course also develops context for understanding the expansion of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: World Studies Honors is recommended.</p>



# **HEALTH/PHYSICAL EDUCATION**

<b>COURSE TITLE:</b>	<b>Health 9</b>
Course Numbers: <b>690901</b>	Health 9 is designed to explore the issues that currently are important to the daily lives of students. Main topics emphasized include leading a healthy life, self-esteem, stress management, drug, alcohol and tobacco abuse, nutrition and physical fitness.
Grade Level: 9-12	
Graduation Credit: ½ Health	
	Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Health 10</b>
Course Numbers: <b>690902</b>	Health 10 is designed to teach ways to improve and prolong mental, physical and social well-being through a wellness and holistic approach. Main topics emphasized; you are responsible for your own health, mental and social health, family and interpersonal relationships, marriage, building relationships, sexually transmitted diseases, stress management, drug, alcohol, and tobacco abuse.
Grade Level: 9-12	
Graduation Credit: ½ Health	
	Duration: 1 semester
	Prerequisite: Health 9
<b>COURSE TITLE:</b>	<b>PE High School 9</b>
Course Numbers: <b>660901</b>	This is a semester course designed to give students an overview of various lifetime sports. All students MUST participate and complete the Fitness Gram Physical Education Fitness Test mandated by the State of West Virginia. Grade is based on participation in class, dressing for class in approved gym attire, behavior and sportsmanship.
Grade Level: 9	
Graduation Credit: ½ Physical Education	
	Duration: 1 semester
	Prerequisite: All incoming freshmen will be scheduled into this course.
<b>COURSE TITLE:</b>	<b>PE High School 10</b>
Course Numbers:	This is a semester course designed to give students an overview of various lifetime sports. All students MUST participate and complete the Fitness Gram Physical Education Fitness Test mandated by the State of West Virginia. Grade is based on participation in class, dressing for class in approved gym attire, behavior and sportsmanship.
Grade Level: 10	
Graduation Credit: ½ Physical Education	
	Duration: 1 semester
	Prerequisite: All sophomores will be scheduled into this course.

**“I cannot accept failure, everyone fails at something.  
But I can’t accept not trying.”**

**-Michael Jordan**  
**Former professional basketball player, entrepreneur, and**  
**principal owner and chairman of the Charlotte Hornets**

<b>COURSE TITLE:</b>	<b>PE High School 10 - Topics</b>
Course Number: <b>6609</b>	Pick 1 <sup>st</sup> choice, 2 <sup>nd</sup> choice, 3 <sup>rd</sup> choice (courses only offered if enough student interest)
Grade Level: 10-12	
Graduation Credit: ½ Physical Education	<p>A. Aerobics and Dance – This is a semester course designed to give students flexibility to increase their levels of fitness by incorporating music. Areas of concentration include: Cardio vascular, flexibility, muscle endurance and muscle strength.</p> <p>B. Individual and Dual Sports – This semester course is designed to give students the opportunity to participate in various lifetime sport activities. Areas of concentration include instructional and technique in sports including: tennis, badminton, table tennis, pickle ball, disc golf, corn hole, and ladder golf. Other lifetime sports may be included throughout the semester.</p> <p>C. Outdoor Recreation -- This semester course is designed to give students the opportunity to learn about various outdoor recreation activities. Area of concentration will be proper techniques, etiquette, safety and responsibilities for fishing, hunting, camping, archery and other outdoor recreational sports and activities.</p> <p>D. Team Sports – This is a semester course designed to give students the opportunity to participate in various team activities. Area of concentration will be basic instruction, technique, rules, and sportsmanship necessary for participating in team sports. Activities will include basketball, flag football, volleyball, kickball, whiffle ball and handball. Other team sports will be included throughout the semester.</p> <p>E. Walking/Jogging – This is a semester course designed to give students the flexibility of developing a personal cardio vascular fitness program. Students will use pedometers to keep track of steps and distance. Various other techniques will be used throughout the semester.</p> <p>F. Weight Training/Fitness – This is a semester course designed for the novice student who wants to learn the proper techniques of weight training. Students will learn how to develop a personal weight lifting program. Other fitness activities will be done throughout the semester.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Must have passed PE High School 9.</p>

# **FINE ARTS (PERFORMING and VISUAL) COURSES**

	<b>Vocal and Instrumental Music Courses</b>
<b>COURSE TITLE:</b>	<b>Band I</b>
Course Numbers: <b>361110</b> <b>361120</b>  Grade Level: 9  Graduation Credit: 1 Fine Arts/Elective	Students will prepare selected marching and concert band music for performances and festivals. Students are required to be enrolled in band in order to audition for All-State band or to participate in Solo-N-Ensemble or Regional Honors Band. Practice outside of school hours may be required. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Band II</b>
Course Numbers: <b>361210</b> <b>361220</b>  Grade Level: 10  Graduation Credit: 1 Fine Arts/Elective	Students will prepare selected marching and concert band music for performances and festivals. Students are required to be enrolled in band in order to audition for All-State band or to participate in Solo-N-Ensemble or Regional Honors Band. Practice outside of school hours may be required. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters  Prerequisite: Band I
<b>COURSE TITLE:</b>	<b>Band III</b>
Course Numbers: <b>361310</b> <b>361320</b>  Grade Level: 11  Graduation Credit: 1 Fine Arts/Elective	Students will prepare selected marching and concert band music for performances and festivals. Students are required to be enrolled in band in order to audition for All-State band or to participate in Solo-N-Ensemble or Regional Honors Band. Practice outside of school hours may be required. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters  Prerequisite: Band II
<b>COURSE TITLE:</b>	<b>Band III Honors</b>
Course Numbers: <b>36131H</b> <b>36132H</b>  Grade Level: 11  Graduation Credit: 1 Fine Arts/Elective	This class has more requirements than the normal class including performance, written, and/or attendance tasks associated with it. <u>See Mrs. Filben for more details.</u> Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters  Prerequisite: Band II



<b>COURSE TITLE:</b>	<b>Band IV</b>
Course Numbers: <b>361410</b> <b>361420</b>  Grade Level: 12  Graduation Credit: 1 Fine Arts/Elective	Students will prepare selected marching and concert band music for performances and festivals. Students are required to be enrolled in band in order to audition for All-State band or to participate in Solo-N-Ensemble or Regional Honors Band. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters  Prerequisite: Band III
<b>COURSE TITLE:</b>	<b>Band IV Honors</b>
Course Numbers: <b>36141H</b> <b>36142H</b>  Grade Level: 12  Graduation Credit: 1 Fine Arts/Elective	This class has more requirements than the normal class including performance, written, and/or attendance tasks associated with it. <u>See Mrs. Filben for more details.</u> Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters  Prerequisite: Band III
<b>COURSE TITLE:</b>	<b>Steel Drum Band</b>
Course Numbers: <b>374210</b> <b>374220</b>  Grade Level: 9-12  Graduation Credit: 1 Fine Arts/Elective	Open to any band student or with permission from Mrs. Filben. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Jazz Band</b>
Course Numbers: <b>371210</b> <b>371220</b>  Grade Level: 9-12  Graduation Credit: 1 Fine Arts/Elective	Jazz band is a performance-based ensemble which studies and performs various genres of music. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.  Duration: 2 semesters  Prerequisite: Membership is granted via audition for the director(s).
<b>COURSE TITLE:</b>	<b>Chorus 1 - Beginning</b>
Course Numbers: <b>362110</b> <b>362120</b>  Grade Level: 9  Graduation Credit: 1 Fine Arts/Elective	The course is open to any interested freshman student. The course develops individual vocal techniques and basic music concepts. Class participation and performances are part of the grade. This group will combine to perform with the concert choir.  Duration: 2 semesters



<b>COURSE TITLE:</b>	<b>Chorus 2 - Intermediate</b>
Course Numbers: <b>362210</b> <b>362220</b>	The course is open to any interested sophomore student. The course develops individual vocal techniques and basic music concepts. Class participation and performances are part of the grade.
Grade Level: 10	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	
<b>COURSE TITLE:</b>	<b>Chorus 3 - Advanced</b>
Course Numbers: <b>362310</b> <b>362320</b>	The course is open to any interested junior student. The course develops individual vocal techniques and basic music concepts. Class participation and performances are part of the grade.
Grade Level: 11	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	
<b>COURSE TITLE:</b>	<b>Chorus 4</b>
Course Numbers: <b>362410</b> <b>362420</b>	The course is open to any interested senior student. The course develops individual vocal techniques and basic music concepts. Class participation and performances are part of the grade.
Grade Level: 12	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	
<b>COURSE TITLE:</b>	<b>Monarch Choir</b>
Course Numbers: <b>377010</b> <b>377020</b>	Students will study advanced choral literature and technique. Students should have prior choral experience. Because class participation and performances are part of the grade, students with questionable attendance records may not be allowed to take this class.
Grade Level: 9-12	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	Prerequisite: By Audition Only
<b>COURSE TITLE:</b>	<b>Music History/Appreciation Dual Credit</b>
Course Numbers: <b>37460X</b> <b>37460X</b>	<b><u>This course is open to any student.</u></b> and is an introduction to the understanding of music history, musical terminology, significant musical compositions of various styles and periods and includes assigned listening.
Grade Level: 9-12	Duration: 1 semester
Graduation Credit: ½ Fine Arts/Elective	
College Credit: Bethany MUSI 103	

<b>COURSE TITLE:</b>	<b>Music Theory/Instrumental Music (Woodwind, Percussion, Brass)</b>
Course Numbers: <b>375600</b>	Students will be instructed in the fundamentals of written music theory. The course is designed to prepare instrumental, vocal, piano, and string students for college theory.
Grade Level: 9-12	Duration: 1 semester
Graduation Credit: ½ Fine Arts/Elective	Prerequisite: Band
<b>COURSE TITLE:</b>	<b>Piano I</b>
Course Numbers: <b>368100</b>	Beginning instruction in piano for the novice. <u>Students must pass each level to advance to the next level.</u>
Grade Level: 9-12	Duration: 1 semester
Graduation Credit: ½ Fine Arts/Elective	
<b>COURSE TITLE:</b>	<b>Piano II</b>
Course Numbers: <b>368200</b>	Intermediate instruction in Piano
Grade Level: 9-12	Duration: 1 semester
Graduation Credit: ½ Fine Arts/Elective	Prerequisite: Piano I
<b>COURSE TITLE:</b>	<b>Piano III</b>
Course Numbers: <b>368300</b>	Instruction for advanced Piano Students.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Fine Arts/Elective	Prerequisite: Piano II
<b>COURSE TITLE:</b>	<b>Piano IV</b>
Course Numbers: <b>368400</b>	Instruction for advanced Piano Students.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Fine Arts/Elective	Prerequisite: Piano III
<b>COURSE TITLE:</b>	<b>Strings (Suzuki)</b>
Course Numbers: <b>373200</b>	This Orchestra class is taught outside of the normal day by the Marshall County strings instructor. Referred to as the Suzuki Strings Program, students must receive a weekly lesson from the instructor plus the Orchestra class to receive credit for the course. The class may also be audited (no grades, no credit) with the same expectations.
Grade Level: 9-12	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	

<b>COURSE TITLE:</b>	<b>Strings (County)</b>
Course Numbers: <b>374100</b>	This class will be taught during the school day to students who have experience playing violin, viola, cello, or bass. Students will be required to attend all scheduled rehearsals and performances during school and outside curricular time.
Grade Level: 9-10	
Graduation Credit: 1 Fine Arts/Elective	Duration: 2 semesters
	<b>Visual Arts</b>
<b>COURSE TITLE:</b>	<b>Art I</b>
Course Numbers: <b>321110</b> <b>321120</b>	Students produce two-dimensional and three-dimensional artworks using a variety of media, techniques, technology, and processes. They use verbal and written formats to relate art skills and strategies to other disciplines, various cultures, major art movements and historical periods. Students will practice responsible workplace skills and review career options and study the concept of art criticism. They will critique and analyze artworks in verbal and written formats.
Grade Level: 9-12	
Graduation Credit: 1 Fine Arts/Elective	Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Art II</b>
Course Numbers: <b>321210</b> <b>321220</b>	General Art 2 is a continuation of the concepts presented in General Art I with a focus on developing greater skill in handling various media, and the expression of individual ideas through artworks. Artistic concepts will be discussed such as the use of themes and personal motifs and symbols in artworks. The art of various cultures and their effect on our own culture will be explored. Career opportunities will be discussed and portfolio development will begin.
Grade Level: 10-12	
Graduation Credit: 1 Fine Arts/Elective	Duration: 2 semesters  Prerequisite: Pass both semesters of Art I.
<b>COURSE TITLE:</b>	<b>Art III</b>
Course Numbers: <b>321310</b> <b>321320</b>	General Art 3 builds on previous content standards with a more in-depth approach. Students analyze art from various cultures visually, verbally, and in written form. Students examine and relate various themes and purposes of art forms to the total educational process. They study art history, criticism, and aesthetics in relation to individually selected artworks and develop a personal philosophy of art. The students develop personal portfolios which include products and critiques.
Grade Level: 11-12	
Graduation Credit: 1 Fine Arts/Elective	Duration: 2 semesters  Prerequisite: Successfully complete Art I and Art II

**“The truth of the matter is that you always know the right thing to do. The hard part is doing it.”**

**-Norman Schwarzkopf  
United States Central Command, Persian Gulf War**

<b>COURSE TITLE:</b>	<b>Art IV</b>
<p>Course Numbers: <b>321410</b> <b>321420</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Fine Arts/Elective</p>	<p>In General Art 4 students develop and clarify their philosophy of art and art making through in-depth explorations with media, techniques and processes. Students expand and refine a portfolio reflecting a broad base of knowledge in the arts. Students focus on value and drawing skill and the necessary steps to achieve a portfolio for college.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Successfully complete Art I, Art II and Art III or be a senior planning on majoring in Art in college.</p>
<b>COURSE TITLE:</b>	<b>Printmaking/Graphics</b>
<p>Course Numbers: <b>334910</b> <b>334920</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Fine Arts/Elective</p>	<p>This studio art course is an introduction to the world of Graphic Design. The course content will include the development of design skills, technical use of the material, and concept development through verbal and visual methods. Calligraphy and typography will be included in the Graphic program.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Art I</p>
<b>COURSE TITLE:</b>	<b>Ceramics/Pottery</b>
<p>Course Numbers: <b>330710</b> <b>330720</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Fine Arts/Elective</p>	<p>This is a studio art class that introduces the foundations of hand-built and wheel-thrown pottery. Students will explore in depth, the properties and terminology associated with clay, various forming and decorating techniques and the history of clay in various cultures. Class evaluation includes hand-built and wheel thrown projects, class participation, textbook readings, essay tests, and written assignments. <u>Students will get dirty from the clay and fingernails must be kept short.</u> Consistent attendance and extra work outside of the regular class hours are important for success in this class. Student must be able to work independently.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Art I and Art II and teacher recommendation.</p>
<b>COURSE TITLE:</b>	<b>Pottery II</b>
<p>Course Numbers: <b>330810</b> <b>330820</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Fine Arts/Elective</p>	<p>This is a studio art class that builds on the foundations of wheel-thrown pottery covered in Pottery I. Students must have mastered basic throwing skills in Pottery I and be self-motivated to explore various shapes for wheel-thrown pots, glazing techniques and follow individual interests in working with clay on the potter's wheel. Class evaluation wheel thrown projects, glaze formulations, class participation, textbook readings, essay tests, and written assignments. <u>Students will get dirty from the clay and fingernails must be kept short.</u> Consistent attendance and extra work outside of the regular class hours are important for success in this class. Ability to work independently required.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Ceramics/Pottery</p>

	<b>Performing Arts</b>
<b>COURSE TITLE:</b>	<b>Theatre I/Theatre II</b>
Course Numbers: <b>380110</b> <b>380220</b>	Students interested in pursuing a career in oral communications, TV, radio, film, public relations, or theatre will find this course an interesting introduction. Content includes the structure, varieties, history and evaluation of drama, voice & diction, improvisation, and mime, and gaining self-confidence.
Grade Level: 10-12	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	Prerequisite: "C" or higher grade upon completing English Language Arts 9.
<b>COURSE TITLE:</b>	<b>Theatre III/Theatre IV</b>
Course Numbers: <b>380310</b> <b>380420</b>	A look into the production aspects of modern theatre. Content includes fundamentals of play production, stage settings, lighting, basic costuming & make-up, as well as musical production.
Grade Level: 10-12	Duration: 2 semesters
Graduation Credit: 1 Fine Arts/Elective	Prerequisite: Theatre I and Theatre II



# **FOREIGN LANGUAGE**

<b>COURSE TITLE:</b>	<b>Spanish I</b>
<p>Course Numbers: <b>566110</b> <b>566120</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: 1 Foreign Language/Elective</p>	<p>Students develop oral and written communication skills with an emphasis on listening, speaking, and writing to prepare for college foreign language courses. They are also introduced to the Spanish-speaking world through cultural activities.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Spanish II</b>
<p>Course Numbers: <b>566210</b> <b>566220</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: 1 Foreign Language/Elective</p>	<p>Students refine listening and speaking skills acquired in level 1 and are expected to comprehend more spoken Spanish. Emphasis is also on vocabulary and grammar through structure skills.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Must have passed Spanish I.</p>
<b>COURSE TITLE:</b>	<b>Spanish II Honors Dual Credit</b>
<p>Course Numbers: <b>56621H</b> <b>56622H</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: 1 Foreign Language/Elective</p> <p>College Credit: Bethany SPAN 110</p>	<p>This course is a challenging expansion of Spanish I and is intended for those who wish to continue their Spanish studies with the rigorous, upper level, college preparatory Spanish courses.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Spanish I "B" average or teacher recommendation.</p>
<b>COURSE TITLE:</b>	<b>Spanish III Honors Dual Credit</b>
<p>Course Numbers: <b>56631H</b> <b>56632H</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Foreign Language/Elective</p> <p>College Credit: Bethany SPAN 120</p>	<p>In this honors course of study, the student will continue to study the Spanish language and culture with an emphasis on more complex structures and vocabulary. Students will begin the study of Spanish literature.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Spanish II</p>

<b>COURSE TITLE:</b>	<b>Spanish IV Honors Dual Credit</b>
<p>Course Numbers: <b>56641H</b> <b>56642H</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Foreign Language/Elective</p> <p>College Credit: Bethany SPAN 130</p>	<p>In this honors course of study, students will demonstrate knowledge and understanding of the Spanish language and culture through personal inventories. Instruction will concentrate on advanced syntax, extended communication, vocabulary enrichment and literature.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Spanish III Honors</p>
<b>COURSE TITLE:</b>	<b>Spanish Advanced Placement</b>
<p>Course Numbers: <b>56691A</b> <b>56692A</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Foreign Language/Elective</p>	<p>Students in this rigorous course will receive intense training in the skills necessary to survive in Hispanic societies: oral communication and comprehension of print, audio and video texts, all of which require advanced cultural understanding. The increased emphasis on these skills will also help prepare the students for college level language. College credit may be earned by taking the Advanced Placement test and achieving a score acceptable to colleges or universities. Fees may apply; however, financial assistance is available.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Spanish IV Honors or teacher recommendation</p>

**“Aprende del ayer, vive el presente, la esperanza del mañana.”**

**-Albert Einstein**

**Theoretical physicist and philosopher of science**

# **GENERAL ELECTIVES**

<b>COURSE TITLE:</b>	<b>Nutrition and Wellness</b>
Course Numbers: <b>693200</b>	This class is designed for students that are struggling with living a healthy and active lifestyle, self-esteem due to weight issues, and/or at high risk of developing lifestyle diseases such as: obesity, heart disease, diabetes and other at risk health problems. Areas covered will be proper nutrition, how to properly diet, exercise, and other related topics.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Elective	Prerequisite: Must have taken and passed Health 9 and Health 10.
<b>COURSE TITLE:</b>	<b>Fitness/Conditioning Activities</b>
Course Numbers: <b>670900</b>	This class is designed to keep student athletes or non athletes in good physical condition by participating in various cardio workouts. Areas of concentration include: speed, agility, endurance and flexibility.
Grade Level: 11-12	Duration: 1 semester
Graduation Credit: ½ Elective	Prerequisite: Must have passed PE High School 9 and PE High School 10.
<b>COURSE TITLE:</b>	<b>Recreational Sport/Advanced Physical Education</b>
Course Numbers: <b>674100</b>	Class is designed for students who enjoy participating in individual and team sports, recreational activities, and outdoor sports. Grade is based on participation, dressing in approved gym clothes, behavior and sportsmanship.
Grade Level: 11-12 (Seniors given priority)	Duration: 1 semester
Graduation Credit: ½ Elective	Prerequisite: Must have passed PE High School 9 and PE High School 10.
<b>COURSE TITLE:</b>	<b>Weight Training</b>
Course Numbers: <b>676500</b>	This course will allow the student to create an individual weight lifting program. Daily participation, dressing in approved gym clothes, and attendance is the basis of grades.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Elective	Prerequisite: Must have passed PE High School 9.
<b>COURSE TITLE:</b>	<b>Life Fitness Education</b>
Course Numbers: <b>673300</b>	This class is designed for students that have a desire to learn about the benefits and importance of exercise, how to properly exercise, proper nutrition, and about general wellness. Students will be expected to do class work as well as participation in various exercises and activities.
Grade Level: 9-12	Duration: 1 semester
Graduation Credit: ½ Elective	



<b>COURSE TITLE:</b>	<b>Driver's Education</b>
Course Numbers: <b>681100</b>  Grade Level: 10-12  Graduation Credit: ½ Elective	This course is designed to teach and encourage safe driving habits and to develop defensive driving techniques as a lifelong principle for safe vehicle operation. Enrollment is limited, so preference will be made based upon grade level (seniors, juniors, and then sophomores). A Learner's Permit is NOT required.  Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Sports Medicine I &amp; II Honors</b>
Course Numbers: <b>69331H (Year)</b> <b>69332H (Year)</b> Grade Level: 11-12  Graduation Credit: 1 Elective	This course is designed to familiarize the student with the field of Athletic Training. It will allow students to develop an awareness of the current and proper techniques for the prevention, care, and rehabilitation of athletic injuries.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Film to Print I &amp; II</b>
Course Numbers: <b>382010</b> <b>382020</b>  Grade Level: 11-12  Graduation Credit: ½ Elective	This elective will use high interest novels as a foundation for analyzing the corresponding films. Skills assessed will include close reading of the texts and visuals as well as writing skills, introduction to film vocabulary will be included. A final collaborative project will include a production and screen play of a 5 minutes short film. Possible texts include: The Hunger Games by Suzanne Collins; Divergent by Veronica Roth; Ender's Game by Orson Scott Card; Fahrenheit 451 by Ray Bradbury; the Lion King and Shakespeare's Hamlet, and many more. Reading and writing will be an integral part of this class.  Duration: 1 semester  Prerequisite: Students must have had a "C" or better in English the previous year to be eligible for this class. Students who are credit deficient in ENGLISH will not be accepted into this class.
<b>COURSE TITLE:</b>	<b>Creative Writing I (Prose) &amp; II (Poetry)</b>
Course Numbers: <b>402200</b>  Grade Level: 9-12  Graduation Credit: ½ Elective	The course provides an opportunity for the student to develop personal writing skills. It is designed to develop interest and talents and provide opportunities for creative self-expression in exposition, short story, poetry, and other prose writing.  Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Novel Study</b>
Course Numbers: <b>415000</b>  Grade Level: 9-12  Graduation Credit: ½ Elective	The Novel Study Course will trace various themes collections of poetry, drama, media, non-fiction, and novels. Students develop strategies to enhance reading, writing, collaborative, and speaking skills. Students write essays for varied purposes and audiences. Students identify voice in literature and express their own voice through written and oral communication. Independent reading is assessed on a regular basis.  Duration: 1 semester

<b>COURSE TITLE:</b>	<b>Public Relations I Dual Credit</b>
<p>Course Numbers: <b>41710X</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Elective</p> <p>College Credit: Bethany COMM 201</p>	<p>Public Relations is an intensive course in the study and practice of writing for the various media, including print, electronic, public relations, graphic design, and advertising. Students explore the ethical and legal concerns of media writing, learn basic writing, editing, and copy formats, develop information-gathering skills, and examine contemporary issues and concerns facing the media.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Public Relations II Dual Credit</b>
<p>Course Numbers: <b>41720X</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Elective</p> <p>College Credit: Bethany COMM 202</p>	<p>This course provides students with practical experience using a variety of computer programs designed to create documents for various channels, including both digital and print publications. Students will develop and produce publications, presentations and digital documents that integrate text, art and various graphic elements.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Public Relations I Dual Credit</p>
<b>COURSE TITLE:</b>	<b>Sports Literature I &amp; II</b>
<p>Course Numbers: <b>413600</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: ½ Elective</p>	<p>Sports Literature is an elective course designed to be taken in addition to a traditional English Literature course. The class will examine the unique relationship between sports and society through literature and media. Reading in this course will be selected to be high interest and thought provoking. Writing in this class will include persuasive, narrative, and informational pieces. The class will use blogging, social media, and other innovative strategies to allow students to explore their sports related passions and the connections sports make to our lives.</p> <p>Duration: 1 semesters</p>
<b>COURSE TITLE:</b>	<b>Mountain Folklore I &amp; II</b>
<p>Course Numbers: <b>412410</b> <b>412420</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course will provide students with access to Mountain Folklore including literature, music, history, culture, and stereotypes from the Appalachian region, specifically but not solely in WV. At semesters' end, the students will celebrate the culture in an Appalachian feast in which we enjoy foods, music, dance, and storytelling of the region. Students who are credit deficient in ENGLISH will not be accepted into this class.</p> <p>Duration: 1 semester</p>
<b>COURSE TITLE:</b>	<b>Mythology</b>
<p>Course Numbers: <b>412500</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course offers students the opportunity to study Greek, Norse, and Arthurian legends and myths. Emphasis is placed on the influence myths and legends have on the thought, culture, literature, and language of Western civilization. Students who are credit deficient in English will not be accepted in this class.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Successful completion of English 10</p>

<b>COURSE TITLE:</b>	<b>Speech/Oral Communication</b>
Course Numbers: <b>407600</b>  Grade Level: 10-12  Graduation Credit: ½ Elective	Content touches on verbal and non-verbal communications, listening, group communications, interviewing, speech writing and delivery, demonstrations as well as research skills. An introduction to forensics is included. Students should be enrolled in or have completed American Literature or 9th grade English Honors.  Duration: 1 semester  Prerequisite: "C" or higher average in English Language Arts.
<b>COURSE TITLE:</b>	<b>Speech 2 Dual Credit</b>
Course Numbers: <b>41651X</b> <b>41652X</b>  Grade Level: 11-12  Graduation Credit: 1 Elective  College Credit: WLU COM 101	Content consists of learning to prepare and deliver speeches in the following areas: Dramatic Duo, After Dinner Speaking, Original Oratory, Parliamentary Procedure, Impromptu, and Extemporaneous Speaking, Dramatic and Humorous Interpretation, Interpretation of Prose and Poetry.  Duration: 2 semesters  Prerequisite: Speech and Oral Communication I
<b>COURSE TITLE:</b>	<b>Championship Communications</b>
Course Numbers: <b>415700</b>  Grade Level: 9-12  Graduation Credit: ½ Elective	A speech class designed for athletes, this class is an in-depth look at how communication competency can enhance athletic accomplishments. Throughout the one-semester course we will cover interview skills, press conference procedures, nonverbal on and off the field, basic etiquette, social media awareness, and discuss the existence of elevated expectations for athletes from the outside world.  Duration: 1 semester  Prerequisite: Students must have a C or higher average in English classes.
<b>COURSE TITLE:</b>	<b>Public Speaking: Interpersonal &amp; Non-Verbal Communication</b>
Course Numbers: <b>416800</b>  Grade Level: 9-12  Graduation Credit: ½ Elective	This is a theory course designed to introduce students to differences in communication in social and professional settings and what type of communication is appropriate in different situations. Students will learn the value of possessing good people skills. This class does not require the student to prepare/present individual speeches.  Duration: 1 semester  Prerequisite: "C" average in English Language Arts classes.
<b>COURSE TITLE:</b>	<b>School Yearbook</b>
Course Numbers: <b>407100</b>  Grade Level: 9-12  Graduation Credit: 1 Elective	Students will produce a yearbook including layout design, copy writing, caption writing, headline writing, and graphics design enhancement. Students must submit an application with an essay in order to receive advisor's recommendation. Academic instruction will include Basic Design, Photography, Writing, and Business.  Duration: 2 semesters  Prerequisite: Students must submit an application with an essay in order to be considered for a staff position. "C" average or better in English/Language Arts classes required.

<b>COURSE TITLE:</b>	<b>Intro to Engineering</b>
<p>Course Numbers: <b>246110</b> <b>246120</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Elective</p>	<p>Project Lead the Way engineering students engage in open-ended problem solving, learn and apply the engineering design process, and use the same industry leading technology and software as are used in the world's top companies. Students investigate topics such as aerodynamics and astronautics, biological engineering, environmental engineering, digital electronics and circuit design that give them the opportunity to learn about different engineering disciplines before beginning post-secondary education. <u>Course to be offered pending funding Fall 2015.</u></p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Principles of Engineering (POE, 1 year)</b>
<p>Course Numbers: <b>246310</b> <b>246320</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Elective</p>	<p>Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>TWENTIETH CENTURY CULTURE AND CONQUEST</b>
<p>Course Numbers: <b>714800</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course emphasizes the major events of the 20th century and takes a deeper look into the lasting effects of those events in our society today. It is designed to equip students with a more in-depth understanding of events affecting the United States and the rest of the modern world. This course will focus on events including Pearl Harbor, Cuban-Missile Crisis, Terrorism, JFK Assassination, Stock Market Crash, Bay of Pigs, Kent State Shootings, My Lai Massacre, Conspiracy Theories, Wounded Knee, Iran Hostage Crisis, Somalia, Cold War, and others. At the conclusion of the course, students will understand the role of the U.S. in world affairs and understand these events and their effects on the world. Students will also be able to understand 20th century events from a non-American perspective.</p> <p>Duration: 1 semester</p>
<b>COURSE TITLE:</b>	<b>iWorld I &amp; II</b>
<p>Course Numbers: <b>461100</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This elective is offered to students wanting to be more aware of problems around the world and in the United States that deal with issues such as war, poverty, human rights and genocide. This is a high interest, investigative course where much of the content will be developed by students and their teacher as a team. This is designed as a humanities course to engage student interest and discussions in areas of literature, arts, history, health and politics, and includes multimedia resources such as music and movies.</p> <p>Duration: 1 semester</p>
<b>COURSE TITLE:</b>	<b>Career Exploration</b>
<p>Course Numbers: <b>762710</b> <b>762720</b></p> <p>Grade Level: 10</p> <p>Graduation Credit: 1 Elective</p>	<p>This course is divided into six-week segments with each segment being completed in a different vocational area. The six areas include Automotive Technology, Collision Repair Technology, Welding Technology, Drafting, Home Repair, Construction Systems, and Machine Tool Technology. This course will expose the student to different technologies that will help them in choosing a future Career Technical area or for general experience.</p> <p>Duration: 2 semesters</p>

<b>COURSE TITLE:</b>	<b>Pop Culture I &amp; II</b>
<p>Course Numbers: <b>724310</b> <b>724320</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: ½ Elective</p>	<p><i>Rock and Roll: An American Story</i> is an online resource that focuses on different eras of American popular music and will be employed throughout the course. Students will examine the roots of Rock and Roll and its foundation in Southern Blues, Jazz, and Country music. In addition, a variety of film genres that have had a significant impact on popular culture will be reviewed and analyzed. Students will utilize numerous forms of technology, create music videos, and research movements that have affected trends from television to clothing.</p> <p>Duration: 1 semester</p>
<b>COURSE TITLE:</b>	<b>Psychology I Honors Dual Credit</b>
<p>Course Numbers: <b>73210H</b> <b>73210X</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: ½ Elective</p> <p>College Credit: Bethany PSYC 100</p>	<p>The course covers the history and theories of psychology, research methods, biological bases of behavior, states of consciousness, learning, memory, motivation and emotion, and developmental psychology. Students will develop the reading, studying, and note-taking skills required for success in college classes. The tests are challenging and will require 3 to 5 hours of study time per week. Students are required to be enthusiastic participants in class. *Dual credit classes are subject to approval by respective colleges and may not be offered if enrollment is limited.</p> <p>Duration: 1 semester</p> <p>Prerequisite: "A" or "B" average in Social Studies is strongly recommended.</p>
<b>COURSE TITLE:</b>	<b>Psychology Advanced Placement</b>
<p>Course Numbers: <b>70471A</b> <b>70472A</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Elective</p>	<p>This more demanding course picks up where Psychology I ends. Units of the second semester include sensation and perception, personality, cognition, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. The pace of the course is faster, with more vocabulary and more writing assignments. Students are required to be highly motivated and enthusiastic participants in class. The course requires a minimum of 5 hours of study time per week.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: "A" or "B" average in Social Studies and Science, or teacher/counselor recommendation.</p>

**“Nothing is impossible. The word itself says ‘I’m possible’!”**

**-Audrey Hepburn**  
**Actress and humanitarian**

<b>COURSE TITLE:</b>	<b>Sociology Dual Credit</b>
<p>Course Numbers: <b>73410X</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: ½ Elective</p> <p>College Credit: Bethany SOCI/SOWO 150</p>	<p>This course is designed to introduce students to the basic principles of sociology. In addition, research into the social issues of our times is stressed. The Sociology course is taught with a college-level text and requires well-developed reading, writing, and research skills. Students should expect to spend approximately 5 hours per week on outside reading.</p> <p>Duration: 1 semester</p> <p>Prerequisite: "A" or "B" average in Social Studies is strongly recommended.</p>
<b>COURSE TITLE:</b>	<b>Sports History</b>
<p>Course Numbers: <b>733200</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This semester class covers material and offers discussion about the origins and history of specific sports from the ancient Greeks through modern times. Special topics related to sports, such as sportsmanship, racial integration, Title IX legislation, and steroids will be discussed. Tests, book reviews, and research papers are required. Web research will be incorporated, as well as related videos.</p> <p>Duration: 1 semester</p>
<b>COURSE TITLE:</b>	<b>West Virginia – Specific Studies</b>
<p>Course Numbers: <b>736100</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: ½ Elective</p>	<p>Special studies in West Virginia will include geography, history, culture (art, literature, music, language, and religion), industries, economics, famous West Virginians and social problems.</p> <p>Duration: 1 semester</p>



# **CAREER AND TECHNICAL EDUCATION COURSES**

## **AGRICULTURE SCIENCE – PLANT SYSTEMS**

**Completer Courses: 1. Introduction to Agriculture, Food, and Natural Resources**

**2. Horticulture**

**3. Agricultural Experience**

**4. Select one of the following:**

**a. Turf and Landscape Systems**

**b. Greenhouse Production and Management**

**c. Floriculture**

<b>COURSE TITLE:</b>	<b>Introduction to Agriculture, Food, and Natural Resources</b>
Course Numbers: <b>0101E1</b> <b>0101E2</b>	This area of study is designed to provide students with core skills and competencies needed for pursuing careers in agriculture and natural resources. Students will utilize problem-solving techniques and participate in laboratory activities to develop an understanding of course concepts. Safety instruction is integrated into all activities. Students will be provided with real world learning opportunities and instruction related to selection, development, and maintenance of individual Supervised Agricultural Experience (SAE) programs.
Grade Level: 9-12	Duration: 1 semester
Graduation Credit: #1 Completer Course	
<b>COURSE TITLE:</b>	<b>Horticulture</b>
Course Numbers: <b>0212E1</b> <b>0212E2</b>	First of four courses to complete Plant Systems Program. The horticultural course is an in-depth look at concepts of plant growth and plant usage in our environment for aesthetics, ecosystem, and as plant products for human consumption. Topics: Plant growth requirements, plant processes, and propagation. Overviews will be done in floriculture and nursery production. Students will use the greenhouse as a laboratory.
Grade Level: 10-12	Duration: 2 semesters
Graduation Credit: #2 Completer Course	Prerequisite: Introduction to Agriculture
<b>COURSE TITLE:</b>	<b>Agriculture Experience</b>
Course Numbers: <b>0134E1</b> <b>0134E2</b>	Required for summer projects for <u>agricultural completers only</u> . Projects must be pre-approved. Credit is awarded for completion of the Agriculture Experience Project.
Grade Level: 11-12	Duration: 1 semester
Graduation Credit: #3 Completer Course	Prerequisite: Teacher recommendation



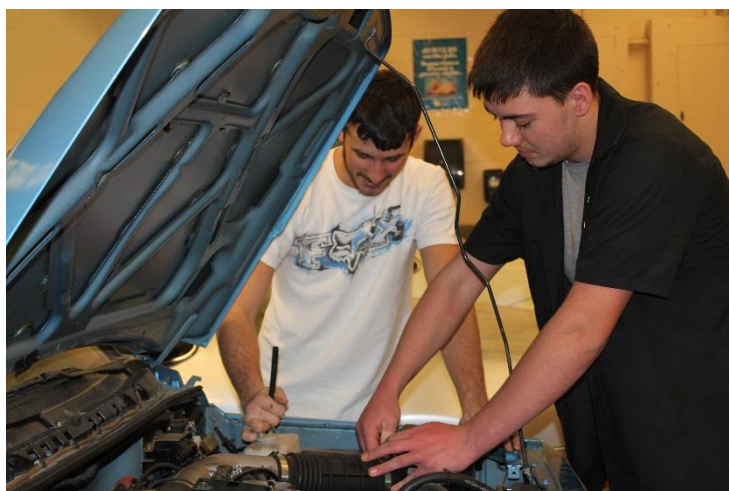
<b>COURSE TITLE:</b>	<b>Turf and Landscape Systems</b>
<p>Course Numbers: <b>0240E1</b> <b>0240E2</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: #4a Completer Course</p>	<p>Turf Management is a class to help students understand and develop competencies in turf grass management. Students will analyze major concepts of the turf grass industry such as pest management, cultural practices, and methods for evaluating turf grass problems. The class will be responsible for controlling pests and managing the growing environment. Students will be proficient in turf management tools and equipment and are expected to use these tools on a daily basis. This course prepares students to design appropriate landscape for home, business and other facilities. After the design plan is formulated, the students will implement the plan. Attention to detail and drawing of plans emphasized.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Horticulture</p>
<b>COURSE TITLE:</b>	<b>Greenhouse Production and Management</b>
<p>Course Numbers: <b>0214E1</b> <b>0214E2</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: #4b Completer Course</p>	<p>An in-depth look at skills and knowledge related to greenhouse environment. Students will learn how to manipulate this environment for plant growth and reproduction. There will be structural requirements for building and designing greenhouse structures to optimize plant growth.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Horticulture and Introduction to Agriculture</p>
<b>COURSE TITLE:</b>	<b>Companion Animal Care (First Semester Only)</b>
<p>Course Numbers: <b>014900</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: ½ Elective</p>	<p>Students will gain an understanding in veterinary science through the study of many animals including dogs, cats, birds, and other household pets. This study will include anatomy and physiology of various animals.</p> <p>Duration: 1 semester</p>
<b>COURSE TITLE:</b>	<b>Natural Resource Management (Second Semester Only)</b>
<p>Course Numbers: <b>020000</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course promotes usage and protection of all species. Major elements of this class will include the importance of wildlife, plant life, hunting, fishing, observation of wildlife, and the establishment and protection of wildlife habitats.</p> <p>Duration: 1 semester</p>

## AUTOMOTIVE TECHNOLOGIES COURSES

**Completer Courses:**

- 1. Fundamentals of Automotive Technology**
- 2. Basic Engine Concepts**
- 3. Brakes**
- 4. Suspension and Steering Diagnosis**

<b>COURSE TITLE:</b>	<b>Auto-Tech MLR1/Auto-Tech MLR2 (2 period block)</b>
Course Numbers: <b>1623E1</b> <b>1631E2</b>  Grade Level: 11-12  Graduation Credit: #1 and #2 Completer Courses	This course is the first of a two-year program in Automotive Technology. Units: automotive electrical systems, theory and operation of brake systems, fundamentals of steering and suspension systems, basic engine concept, engine performance, climate controls, standard and automatic transmissions, computerized data systems, and computer operations related to automotive technology.  Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Auto-Tech MLR3/Auto-Tech MLR4/Auto-Tech AST3 (3 pd block)</b>
Course Numbers: <b>1625E1</b> <b>1637E2</b> <b>1633E1/E2</b>  Grade Level: 12  Graduation Credit: #3 and #4 Completer Courses	This class is the second year of Automotive Technology. Emphasis will be on obtaining "ASE" technician certification, CFC air-conditioning certification, and the West Virginia State Inspection Licensure. Units: computerized engine controls, heating & air conditioning, engine performance, computerized wheel alignments, suspension systems, antilock brakes, manual drive trains, front wheel drive systems, electrical/electronic systems, fuel injection, and electronic analyzers.  Duration: 1 semester  Prerequisite: Fundamentals of Automotive Technology and Basic Engine Concepts



## BROADCASTING TECHNOLOGIES COURSES

### Completer Courses:

1. Fundamentals of Broadcasting
2. Radio Broadcasting
3. Television Production Applications
4. Broadcast Management
5. Live TV

### Additional related electives include:

1. Video Editing
2. Digital Imaging

<b>COURSE TITLE:</b>	<b>Fundamentals of Broadcasting A (Radio &amp; TV) (1st SEM Only)</b>
Course Numbers: <b>168110</b>	This course will introduce students to the basic fundamentals needed to support broadcast managers in the production and broadcasting of materials and programs. Students will become familiar with the equipment, processes, and procedures used in producing and making of radio and television broadcasts.  Duration: 1 semester  Prerequisite: Teacher recommendation
Grade Level: 11	
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Fundamentals of Broadcasting B (2<sup>nd</sup> SEM Only)</b>
Course Numbers: <b>168120</b>	This course will introduce 10th, 11th, and 12th grade students interested in broadcasting and basic fundamentals needed to support broadcast managers in the production and broadcasting of materials or programs. Students will become familiar with the equipment, processes, and procedures used in producing and making radio and television broadcasts. This course does not participate in producing and directing the daily morning announcements.  This course is designed to be taken as a general elective independent of the broadcasting curriculum.  Duration: 1 semester  Prerequisite: Teacher recommendation
Grade Level: 10-12	
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Radio Broadcasting Applications (Second Semester Only)</b>
Course Numbers: <b>163820</b>	This course will provide students with the knowledge to perform, either in a live or mock setting, a radio broadcast.  Duration: 1 semester  Prerequisite: Teacher recommendation
Grade Level: 11	
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Television Production Applications (First Semester Only)</b>
Course Numbers: <b>168510</b>	This course will provide students with an entry-level understanding of the components of television broadcasting.  Duration: 1 semester  Prerequisite: Teacher recommendation
Grade Level: 12	
Graduation Credit: ½ Elective	

<b>COURSE TITLE:</b>	<b>Broadcast Management (Second Semester Only)</b>
<p>Course Numbers: <b>168910</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course will introduce students to the knowledge and skills needed to manage personnel and programming in the radio and television industries. Areas of study include programming, storyboarding, ratings systems, ethics, social issues, and student organizations. Students will demonstrate knowledge and technical expertise in media operations management.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Teacher recommendation</p>
<b>COURSE TITLE:</b>	<b>Television Production (Live TV)</b>
<p>Course Numbers: <b>168910</b> <b>168920</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Elective</p>	<p>This course is designed to prepare students for entry-level positions in the television industry. Students will be introduced to the requirements for producing live television news and other live programs including talk shows, game shows, variety shows and sports events. Because this is a course where students rely on other students for success of the broadcast, each student must attend class on a consistent basis. Any student not meeting the attendance requirement is subject to removal from the class.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Teacher recommendation</p>
<b>COURSE TITLE:</b>	<b>Digital Imaging/Multimedia</b>
<p>Course Numbers: <b>143100</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course will introduce students to the basics of producing digital images for multimedia purposes. Students will explore various methods of producing images through hands-on activities and experiences which will include operating a digital camera, using imaging software to improve photos or to create special effects, creating simple animations, manipulating video images, and producing multimedia images.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Teacher recommendation</p>
<b>COURSE TITLE:</b>	<b>Video Editing</b>
<p>Course Numbers: <b>168410</b> <b>168420</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This full-year course is designed to train students in advanced-level video editing with nonlinear editors. Included in instruction are video effects, keying, color correction and other higher-level processes. The student will explore how packaging and imaging of a product impacts the sales of videos.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Fundamentals of Broadcasting and teacher recommendation</p>

## BUSINESS CLUSTER COURSES

### Accounting

1. Accounting Principles I
  2. Business Computer Applications I
  3. Business and Marketing Essentials
- Choose one of the following courses:
- a. Accounting II
  - b. Personal Finance
  - c. Business and Personal Law

### Administrative Support

1. Accounting Principles I
  2. Business & Marketing Essentials
  3. Business Computer Applications
- Choose one of the following courses:
- a. Business Computer Applications II
  - b. Business and Personal Law

### Marketing Management

1. Business and Marketing Essentials
  2. Marketing Principles
  3. Marketing Applications
- Choose one of the following courses:
- a. Sports, Entertainment and Rec Marketing
  - b. Hospitality and Tourismf

<b>COURSE TITLE:</b>	<b>Keyboarding</b>
Course Numbers: <b>144100</b>	This is a typing course for all students regardless of their career plans. Basic keyboard operation and data entry along with formatting of letters, term papers, and tables is stressed. Should be taken before Computer Application 1, Computer Application 2, and Web Page Publishing.
Grade Level: 9-12	
Graduation Credit: ½ Elective	
	Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Business Computer Applications I</b>
Course Numbers: <b>1411E1</b> <b>1411E2</b>	The curriculum within the Microsoft IT Academy will offer students learning solutions for IT skills training and certification as well as technology essentials for professionals. Students will develop skills that employers demand within the Microsoft Word and Excel Programs. Upon completion of the course, students will complete the Microsoft Office Specialist Exams for Word 2013 and Excel 2013.
Grade Level: 10-12	
Graduation Credit: 1 Elective	
	Duration: 2 semesters
	Prerequisite: Basic keyboarding recommended

<b>COURSE TITLE:</b>	<b>Business Computer Applications II</b>
<p>Course Numbers: <b>141310</b> <b>141320</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Elective</p>	<p>The curriculum within the Microsoft IT Academy will offer students learning solutions for IT skills training and certification as well as technology essentials for professionals. Students will develop skills that employers demand within the Microsoft Access and PowerPoint Programs. Upon completion of the course, students will complete the Microsoft Office Specialist Exams for Access 2013 and PowerPoint 2013.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Business Computer Applications I recommended</p>
<b>COURSE TITLE:</b>	<b>Business and Marketing Essentials</b>
<p>Course Numbers: <b>143910</b> <b>143920</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Elective</p>	<p>This course is designed to provide the student with a working knowledge of the business environment. This course teaches students different forms of business and activities involved with operating a business. The course will provide a better understanding of what businesses will expect of their employees. This class is required for the Management and Accounting concentrations. (If majoring in the Management or Accounting concentrations, this class should be taken before Business Management and Entrepreneurship). This course is EDGE credit eligible.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Management and Entrepreneurship Dual Credit</b>
<p>Course Numbers: <b>144510</b> <b>144520</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Elective</p> <p>College Credit: Bethany BUSA 311</p>	<p>This class emphasizes management skills on the personal and corporate level and focuses on what managers do, how they do it, and what factors will make them successful in leading people or businesses. This class is required for the Management and Marketing concentrations. This course is EDGE credit eligible.</p> <p>Duration: 2 semesters</p> <p>Prerequisite: Introduction to Business and Marketing Essentials</p>
<b>COURSE TITLE:</b>	<b>Business and Personal Law Dual Credit</b>
<p>Course Numbers: <b>141710</b> <b>141720</b></p> <p>Grade Level: 11-12</p> <p>Graduation Credit: 1 Elective</p> <p>College Credit: Bethany BUSA 332</p>	<p>Business law provides students with information on the basic fundamentals of contracts, credit, employment, insurance, commercial paper, property and bailments. The legal concepts for this class will provide students the necessary legal knowledge that they will encounter in their everyday lives. Can be taken as Dual Credit.</p> <p>Duration: 2 semesters</p>

<b>COURSE TITLE:</b>	<b>Accounting Principles I</b>
Course Numbers: <b>140110</b> <b>140120</b>  Grade Level: 10-12  Graduation Credit: 1 Elective	Content emphasizes the introduction of basic accounting principles, procedures, and techniques involved in recording and classifying all transactions and financial statements. Both paper and electronic accounting practices are covered. This is one of the required courses for the Accounting concentration.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Accounting II</b>
Course Numbers: <b>140310</b> <b>140320</b>  Grade Level: 11-12  Graduation Credit: 1 Elective	In this class, training situations provide opportunities for the student to master the basic skills necessary to perform accounting activities, prepare for on-the-job training, and function effectively in college accounting courses. One of the required courses for the Finance/Accounting concentration.  Duration: 2 semesters  Prerequisite: Accounting I
<b>COURSE TITLE:</b>	<b>Personal Finance I and II</b>
Course Numbers: <b>145110</b> <b>145120</b> <b>145100 (SEM ONLY)</b>  Grade Level: 10-12  Graduation Credit: ½ Elective	This course is designed to help students understand the impact of individual choices on occupational goals and future earning potential. Students will design personal and household budgets, simulate use of checking and saving accounts, demonstrate knowledge of finance, debt, and credit management and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions.  Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Web Page Publishing</b>
Course Numbers: <b>145500</b>  Grade Level: 10-12  Graduation Credit: ½ Elective	This is a 1 semester class that will introduce students to the basic web page design concepts and provide practice in creating web sites. Students will explore various applications in web page design through hands-on activities and experiences which may include: using Web page development software, creating page layouts, adding images and frames, creating elements and components, creating tables, managing files, publishing to the Internet, creating hyperlinks, organizing tasks, and using HTML.  Duration: 1 semester
<b>COURSE TITLE:</b>	<b>Office Management</b>
Course Numbers: <b>144910</b> <b>144920</b>  Grade Level: 11-12  Graduation Credit: 1 Elective	This course is designed to cover topics such as employability skills, record management, communication skills, financial records, business correspondence, management skills, and professional interpersonal skills.  Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.  Duration: 2 semesters



<b>COURSE TITLE:</b>	<b>Marketing Principles</b>
<p>Course Numbers: <b>042210</b> <b>042220</b></p> <p>Grade Level: 10-11</p> <p>Graduation Credit: 1 Elective</p>	<p>This course provides students with basic knowledge and skills related to marketing occupations. Units of study include marketing principles, human relations, marketing math, economic principles, school store operation, cash handling, sales process, and job-seeking and keeping skills. Students are strongly encouraged to take Marketing Principles in grade 10 or 11. This is one of the required classes for the Marketing concentration.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Marketing Applications</b>
<p>Course Numbers: <b>042510</b> <b>042520</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Elective</p>	<p>Marketing Applications builds on skills provided in Marketing Principles to provide students with entry-level employment skills. Units of study include promotion, pricing, finance, distribution, risk management, purchasing, marketing, research and entrepreneurship. This is one of the required classes for the Marketing concentration.</p> <p>Duration: 1 semester</p> <p>Prerequisite: Marketing Principles</p>
<b>COURSE TITLE:</b>	<b>Sports, Entertainment, and Recreation Marketing</b>
<p>Course Numbers: <b>043410</b> <b>043420</b></p> <p>Grade Level: 10-12</p> <p>Graduation Credit: 1 Elective</p>	<p>This course is designed to develop student understanding and skills in such areas as the field of sports, entertainment, and/or recreational marketing. The function of sports marketing is to determine the interests of the consumer and plan a product or service that the spectator will buy. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. This is one of the required classes for the Marketing concentration.</p> <p>Duration: 2 semesters</p>
<b>COURSE TITLE:</b>	<b>Marketing Work Experience</b>
<p>Course Numbers: <b>042810</b> <b>042820</b></p> <p>Grade Level: 12</p> <p>Graduation Credit: 1 Elective</p>	<p>Cooperative Education (Work Experience) is an integral part of Marketing Applications. Students must obtain part-time employment in a marketing related field and are evaluated by both the employer and teacher on job performance. <u>Credits given in Marketing Applications.</u></p> <p>Duration: 2 semesters</p> <p>Prerequisite: Marketing Principles</p>
<b>COURSE TITLE:</b>	<b>Travel West Virginia</b>
<p>Course Numbers: <b>766300</b></p> <p>Grade Level: 9-12</p> <p>Graduation Credit: ½ Elective</p>	<p>This course combines the study of West Virginia history, geography, culture, marketing, and career options. Students learn about the state tourism industry and the opportunities provided by the industry. Trips to several West Virginia tourist sites are the highlight of the course.</p> <p>Duration: 1 semester</p>

## Certified Nursing Assistant

**Completer Courses:**      **1. Foundations of Health Science/Advanced Principles of Health Science**  
**2. Clinical Specialty I/Clinical Specialty II**

<b>COURSE TITLE:</b>	<b>Exploring Health Professions</b>
Course Numbers: <b>070000</b>	This semester long course is designed to introduce students to the various professions associated with health care and health care providers.
Grade Level: 10	Duration: 1 semester
Graduation Credit: 1 Elective	
<b>COURSE TITLE:</b>	<b>Foundations of Health Science/Advanced Principles of Health Sciences (2 period block)</b>
Course Numbers: <b>0711E1</b> <b>0715E2</b>	Instructional content will focus on healthcare safety, environmental safety processes and procedures, ethical and legal responsibilities and mathematical computations. Medical terminology and the reinforcement, expansion and enhancement of biology content specific to diseases and disorders are an integral part of the course. Instruction will incorporate project and problem based healthcare practices and procedures to demonstrate the importance of these skills. Students will develop basic technical skills required for all health career specialties including patient privacy, communication, teamwork and occupational safety and be provided with opportunities to obtain certifications in HIPPA/Data Privacy, and health care safety.
Grade Level: 11	Duration: 2 semesters
Graduation Credit: 1 Elective	
<b>COURSE TITLE:</b>	<b>Clinical Specialty I/Clinical Specialty II/Med. Term (3 pd block)</b>
Course Numbers: <b>0789E1</b> <b>0790E2</b> <b>0721E1</b>	These courses are designed to allow the student to choose career work-based experiences from a list of specializations provided by the instructor. In the first semester, students will volunteer as Nursing Assistants at Good Shepherd Nursing Home. Upon completion of the volunteer work, the students are eligible to become Certified Nursing Assistants after passing the standardized test.
Grade Level: 12	Duration: 2 semesters
Graduation Credit: Completer Courses	Prerequisite: Successful completion of Foundations of Health Science and Advanced Principles of Health Sciences

## COLLISION REPAIR TECHNOLOGIES COURSES

**Completer Courses:**

- 1. Fundamentals of Collision Repair**
- 2. Nonstructural Analysis and Damage Repair**
- 3. Structural Analysis and Damage Repair**
- 4. Surface Preparation and Refinishing**

COURSE TITLE:	<b>Fundamentals of Collision Repair/Nonstructural Analysis and Damage Repair (2 period block)</b>
Course Numbers: <b>1671E1</b> <b>1675E2</b>	First course of two-year program to prepare students for a career in Auto Body Technology. Units: Non-structural analysis and damage repair, structural analysis, surface preparation and safety precautions.
Grade Level: 11-12	Duration: 2 semesters
Graduation Credit: 1 Elective	
COURSE TITLE:	<b>Structural Analysis and Damage Repair/Surface Preparation and Refinishing/Collision Custom Finishing (3 period block)</b>
Course Numbers: <b>1677E1</b> <b>1679E2</b> <b>1676E1/E2</b>	Second year of Auto Body Technology. Units: Painting/refinishing, structural analysis and damage repair, mechanical and electrical components, plastics, and adhesives.
Grade Level: 12	Duration: 2 semesters
Graduation Credit: 1 Elective	Prerequisite: Fundamentals of Collision Repair and Nonstructural Analysis and Damage Repair



## CONSTRUCTION TECHNOLOGIES COURSES

<b>COURSE TITLE:</b>	<b>Construction Systems (Construction I)</b>
Course Numbers: <b>242410</b> <b>242420</b>	This course provides opportunities for students to study and apply technological systems, concepts, and processes as they relate to construction technology. Topics range from how construction meets the needs of society to basic construction techniques. Safety instruction is integrated into all activities.
Grade Level: 9-12	
Graduation Credit: 1 Elective	Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Foundations of Engineering (Construction II)</b>
Course Numbers: <b>243610</b> <b>243620</b>	This course provides opportunities for students to study and apply basic principles of materials, mechanisms, structures and their uses to solve a variety of complex technical challenges. Safety instruction is integrated into all activities.
Grade Level: 10-12	Duration: 2 semesters
Graduation Credit: 1 Elective	Prerequisite: Construction Systems and instructor permission
<b>COURSE TITLE:</b>	<b>Fundamentals of Millwork and Cabinetmaking (Construction III)</b>
Course Numbers: <b>245110</b> <b>245120</b>	This course introduces students to the fundamentals of millwork and cabinetmaking. Emphasis will also be placed on career opportunities, job seeking skills, and professional ethics. Safety instruction is integrated into all activities.
Grade Level: 11-12	Duration: 2 semesters
Graduation Credit: 1 Elective	Prerequisite: Foundations of Engineering and instructor permission



## DRAFTING TECHNOLOGIES COURSES

**Completer Courses:** 1. Fundamentals of Drafting  
 2. Drafting Techniques  
 3. Mechanical Drafting  
 4. Architectural Drafting



<b>COURSE TITLE:</b>	<b>Fundamentals of Drafting/Drafting Techniques (2 period block)</b>
Course Numbers: <b>1729E1</b> <b>1727E2</b>	This is the first of four courses to complete the Conventional Computer Aided Drafting (CAD) Program. This course will introduce students to the basic fundamentals of drafting and geometric construction. Students will become familiar with drafting equipment and methodology used in industry. This course will provide basic understanding of drafting techniques necessary to allow students to progress to CAD. EDGE credit is available.
Grade Level: 11	
Graduation Credit: 1 Elective	This course will introduce students to techniques used in advanced orthographic projection, including dimensioning, sectioning, auxiliary views, revolutions, pattern development, and advanced CAD. Duration: 2 semesters  Prerequisite: Math I & II suggested
<b>COURSE TITLE:</b>	<b>Mechanical Drafting/Architectural Drafting (2 period block)</b>
Course Numbers: <b>1725E1</b> <b>1721E2</b>	This course will introduce students to mechanical drafting, including the application of dimensioning techniques, assembly and detail drawings, pictorial views, and common threads and fasteners. This course will provide the training to apply these applications using a CAD system. EDGE Credit Available (3 credit hours)
Grade Level: 12	
Graduation Credit: 1 Elective	This course will provide students the opportunity to specialize in architectural drawing and design, including plumbing, electrical, and HVAC systems. EDGE Credit Available (3 credit hours)  Duration: 2 semesters  Prerequisite: Fundamentals of Drafting and Drafting Techniques
<b>COURSE TITLE:</b>	<b>Blueprint Reading</b>
Course Numbers: <b>166100</b>	This course will introduce students to basic blueprint reading fundamentals. Students will utilize problem solving techniques and participate in laboratory activities to develop an understanding of course concepts and real world learning opportunities and instruction related to drafting design, engineering occupations, and trades that use blueprints such as welders, machinists, or carpenters.
Grade Level: 11-12	
Graduation Credit: ½ Elective	Duration: 1 semester

## PROSTART Restaurant Management

**Completer Courses:** 1. Restaurant and Culinary Foundations/Restaurant Management Essentials  
2. Advanced Principles in Food Production/Restaurant Professional

**Electives:** 1. Advanced Foods Work Experience

COURSE TITLE:	<b>Restaurant and Culinary Foundations/Restaurant Management Essentials (PROSTART I) (2 period block)</b>
Course Numbers: <b>1013E1</b> <b>1014E2</b>  Grade Levels: 11  Graduation Credit: 2 Elective	This class is the first of a two-year program designed to develop entry level skills for the Food Service Industry. The student will study the fundamentals of food technology, basic food production, quick service, sanitation, safety and dining room customer service.  Duration: 2 semesters
COURSE TITLE:	<b>Advanced Principles in Food Production/Restaurant Professional (PROSTART II) (2 period block)</b>
Course Numbers: <b>1019E1</b> <b>1020E2</b>  Grade Level: 12  Graduation Credit: 2 Elective	This is the second of a two-year program designed to prepare a student for a food service occupation. It emphasizes professional food services, dining room service and work experiences in the food service industry.  Duration: 2 semesters  Prerequisite: Restaurant and Culinary Foundations and Restaurant Management Essentials (PROSTART I)
COURSE TITLE:	<b>Advanced Foods Work Experience</b>
Course Numbers: <b>121010</b> <b>121020</b>  Grade Level: 12  Graduation Credit: 1 Elective	This course provides work experiences in the food service industry. Students must be employed in food service industry and must submit a letter from current employer verifying employment.  Duration: 2 semesters  Prerequisite: Must have been enrolled in Advanced Principles in Food Production/Restaurant Professional (PROSTART II).





## FAMILY and CONSUMER SCIENCE COURSES

<b>COURSE TITLE:</b>	<b>Life</b>
Course Numbers: <b>092910</b> <b>092920</b>	This class is offered as a one-credit class. Students examine areas of Foods and Nutrition, Parenting, Life Relationships, Financial Literacy, Personal Wellness and Resource Management.
Grade Level: 9-10	Duration: 2 semesters
Graduation Credit: 1 Elective	
<b>COURSE TITLE:</b>	<b>Parenting and Strong Families</b>
Course Numbers: <b>090300</b>	This half-credit class helps students evaluate readiness for parenting while examining appropriate parenting and strong family practices. Students have an opportunity to experience parenting through the Real Care Baby Project, a baby simulation that requires round the clock care of a newborn. Class size is limited to 18.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Life Connections</b>
Course Numbers: <b>093000</b>	This half-credit class examines options for building and maintaining relationships. Included are units on Management problem techniques, resource management, conflict resolution, communication skills, personal wellness, and financial literacy. Class size limited to 18.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Fashion Merchandising</b>
Course Numbers: <b>096100</b>	This half-credit class provides students with skills and practices that are related to the textile and clothing industry. They participate in hands-on activities, create an employment portfolio for use with applying for internships, work-based learning opportunities, and analyze opportunities for employment and entrepreneurial endeavors. Class size limited to 18.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Food Preparation</b>
Course Number: <b>095100</b>	Food Preparation emphasizes skill development in the selection, preparation, storing and serving of food, management of resources to meet individual and family nutritional needs and optimal use of food resources, the principles of nutrition and the relationship of nutrition to health and well-being. Class size is 18. Good attendance is used to select students.
Grade Level: 10-12	Duration: 1 semester
Graduation Credit: ½ Elective	



## HOME MECHANICS COURSES

<b>COURSE TITLE:</b>	<b>Mechanical Service Systems (Home Mechanics I)</b>
Course Numbers: <b>244510</b> <b>244520</b>	This class will include emphasis on general maintenance of buildings, equipment, and furnishings. Students will be introduced to the basic principles of mechanisms, electricity, and fluidics involved in the support, maintenance, design, and installation of all types of mechanical and electrical devices. Safety instruction is integrated into all activities.
Grade Level: 9-12	
Graduation Credit: 1 Elective	Duration: 2 semesters
<b>COURSE TITLE:</b>	<b>Manufacturing Systems (Home Mechanics II)</b>
Course Numbers: <b>244210</b> <b>244220</b>	This class will introduce students to the basic elements of the manufacturing industry. It provides opportunities for students to study and apply technological systems, concepts and processes in the operation of a manufacturing enterprise. Safety instruction is integrated into all activities.
Grade Level: 10-12	Duration: 2 semesters
Graduation Credit: 1 Elective	Prerequisite: Mechanical Services Systems and instructor permission
<b>COURSE TITLE:</b>	<b>Intro to Millwork (Home Mechanics III)</b>
Course Numbers: <b>212210</b> <b>212220</b>	This course introduces the student to the knowledge base and technical skills for all courses in the Millwork and Cabinetmaking concentration. Areas of study include career opportunities, safety, measurement, blue prints, drawings, plans, hand tools and power tools. Emphasis will be placed on career exploration, job seeking skills and personal and professional ethics. Safety instruction is integrated into all activities.
Grade Level: 11-12	Duration: 2 semesters
Graduation Credit: 1 Elective	Prerequisite: Manufacturing Systems and instructor permission



## INFORMATION TECHNOLOGIES SUPPORT SYSTEMS COURSES

**Completer Courses:**

- 1. A+ Essentials**
- 2. A+ Practical Applications**
- 3. Networking Essentials**
- 4. Fundamentals of Computer Systems**

<b>COURSE TITLE:</b>	<b>A+ Essentials/A+ Practical Applications (2 period block)</b>
Course Numbers: <b>16641E</b> <b>16652E</b>	Students will learn to build, maintain, and troubleshoot a computer's hardware including motherboards, power supplies, memory, storage systems, etc.
Grade Level: 10-12	Students will learn how to install, operate, and troubleshoot various operating systems including Windows 9X, Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8 and various distributions of Linux.
Graduation Credit: 1 Elective	Duration: 2 semesters  Prerequisite: Business Computer Applications I
<b>COURSE TITLE:</b>	<b>Networking Essentials/Fundamentals of Computer Systems (2 period block)</b>
Course Numbers: <b>16941E</b> <b>17052E</b>	This ARIES class is a full semester of professional IT training that builds a solid foundation of network administration skills, protocols, the OSI module, LAN design, cabling and connectors, and troubleshooting and maintenance for non-vendor-specific environments. Students will troubleshoot and repair computers as part of regular class work.
Grade Level: 12	Areas of study include computer hardware, data representation, operating system, utility, productivity software, communications and networks, and the Internet. Emphasis will be placed on personal and professional ethics, and students will explore a variety of career opportunities.
Graduation Credit: 1 Elective	Duration: 2 semesters  Prerequisite: A+ Essentials and A+ Practical Applications

## MACHINE TOOL TECHNOLOGIES COURSES

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

COURSE TITLE:	<b>Fundamentals of Machine Tool Technology/Machine Tool Operations (2 period block)</b>
Course Numbers: <b>19031E</b> <b>19072E</b>  Grade Level: 11  Graduation Credit: 1 Elective	This class is the first of a two-year program teaching machine tool technology in units of safety, measurement, basic procedures, machine processes, blueprint reading, various types of math that apply to shop processes, and basic computerized machining processes.  Duration: 2 semesters
COURSE TITLE:	<b>Fundamentals of Machine Processes/Metal Trades Processes and Applications/Machine Tool Technology (3 period block)</b>
Course Numbers: <b>1905E1</b> <b>1909E2</b> <b>1902E1/E2</b>  Grade Level: 12  Graduation Credit: 1 Elective	The second year of Machine Tool Technology emphasizes advanced machining processes on manual and computerized machinery.  Duration: 2 semesters  Prerequisite: Fundamentals of Machine Tool Technology and Machine Tool Operations



## WELDING TECHNOLOGIES COURSES

**Completer Courses:** 1. Welding I  
2. Welding II  
3. Welding III  
4. Welding IV

<b>COURSE TITLE:</b>	<b>Welding I/Welding II (2 period block)</b>
Course Numbers: <b>1862E1</b> <b>1863E2</b>	First of two-year program in welding technology. Units: Intro to welding, oxy-fuel cutting and welding, shielded metal arc welding and gas metal arc welding, and blueprint reading.
Grade Level: 11	Duration: 2 semesters
Graduation Credit: #1 and #2 Completer Courses	
<b>COURSE TITLE:</b>	<b>Welding III/Welding IV/Welding Blueprint Reading (3 pd block)</b>
Course Numbers: <b>1864E1</b> <b>1865E2</b> <b>1902E1/E2</b>	The second year of welding focuses on obtaining a WV State welding certificates on plate and pipe welding using four different welding processes. Additional studies include advanced metallurgy, gas tungsten arc welding, blueprint reading, flux cored, plasma arc and gas metal arc welding.
Grade Level: 12	Duration: 2 semesters
Graduation Credit: #3 and #4 Completer Courses	Prerequisite: Welding I and Welding II



## ADDITIONAL COURSES

<b>COURSE TITLE:</b>	<b>ACT Testing Strategies</b>
Course Numbers: <b>766100</b>	This semester long class is designed to improve students' chances of scoring well on the ACT. The class will be divided into areas to improve student scores on the English, Reading, Composition, Math, and Science sections of the ACT. The first semester is for seniors only and the second semester is for underclassmen or seniors who need to take the ACT again.  Duration: 1 semester
Grade Level: 10-11	
Graduation Credit: ½ Elective	
<b>COURSE TITLE:</b>	<b>Freshman AOC/Homeroom</b>
Course Numbers: <b>763300</b>	This class aids students in developing skills in decision making, problem solving and goal setting, critical thinking, logical reasoning, and interpersonal communication and the application of these skills to academic achievement.  Duration: 2 semesters
Grade Level: 9	
Graduation Credit: None	
<b>COURSE TITLE:</b>	<b>Sophomore AOC/Homeroom</b>
Course Numbers: <b>763301</b>	This class aids students in developing skills in decision making, problem solving and goal setting, critical thinking, logical reasoning, and interpersonal communication and the application of these skills to academic achievement.  Duration: 2 semesters
Grade Level: 10	
Graduation Credit: None	
<b>COURSE TITLE:</b>	<b>Junior Career Preparation</b>
Course Numbers: <b>762900</b>	This class aids students in developing skills in decision making, problem solving and goal setting, critical thinking, logical reasoning, and interpersonal communication and the application of these skills to academic achievement.  Duration: 2 semesters
Grade Level: 11	
Graduation Credit: None	
<b>COURSE TITLE:</b>	<b>Senior Career Preparation</b>
Course Numbers: <b>762901</b>	This class aids students in developing skills in decision making, problem solving and goal setting, critical thinking, logical reasoning, and interpersonal communication and the application of these skills to academic achievement.  Duration: 2 semesters
Grade Level: 12	
Graduation Credit: None	
<b>COURSE TITLE:</b>	<b>Special Programs Peer Tutor</b>
Course Numbers: <b>763199</b>	Students who take this course will help students with special needs complete daily classroom activities while increasing socialization and interaction with peers.  Duration: 1 semester
Grade Level: 9-12	
Graduation Credit: Community Service	

<b>COURSE TITLE:</b>	<b>Assisted Reading I</b>
Course Numbers: <b>481010</b>	This course is designed to improve student's reading ability. Emphasis and practice is provided using scientifically researched based reading programs. The goal of this course is to provide students with multiple strategies in the five areas of reading through small group instruction and hands on activities. Students will be exposed to nonfiction stories, fiction stories, and informational texts covering all the content areas.  Duration: 2 semesters
Grade Level: 9	
Graduation Credit:	
<b>COURSE TITLE:</b>	<b>Assisted Reading II</b>
Course Numbers: <b>481020</b>	This course is designed to improve student's reading ability. Emphasis and practice is provided using scientifically researched based reading programs. The goal of this course is to provide students with multiple strategies in the five areas of reading through small group instruction and hands on activities. Students will be exposed to nonfiction novels, fiction novels, various short stories, and informational texts covering all the content areas. Study skills and test taking strategies are also taught in this class.  Duration: 2 semesters
Grade Level: 10-12	
Graduation Credit:	
<b>COURSE TITLE:</b>	<b>Reading Enrichment</b>
Course Numbers: <b>481030</b>	A Lexile-based course that allows students to read various nonfiction and fiction novels while interacting with their peers in a small group setting. Strategies will be taught emphasizing vocabulary and comprehension while follow-up projects will be emphasized. Students will take an active role in the selection of novels read in this class.  Duration: 2 semesters
Grade Level: 9-12	
Graduation Credit:	
<b>COURSE TITLE:</b>	<b>CTE Shop Aide</b>
Course Numbers: <b>786100</b>	The objective will be to assist the instructor with safety observations being a priority, as well as working with younger, less experienced students making their experience a more positive and safer one.  Duration: 2 semesters  Prerequisite: Construction Systems and Foundations of Engineering, teacher recommendation
Grade Level: 12	
Graduation Credit:	



## John Marshall High School Articulation Agreement and WVNCC

John Marshall High School has entered into an Articulation Agreement with West Virginia Northern Community College through which the college has agreed to grant college credits to students completing the following courses at the high school level with a grade of C (2.00) or higher. Course objectives and outcomes must match college requirements. See below for John Marshall courses that qualify for college credit.

John Marshall High School Course	WVNCC Course Equivalent	College Credits
Welding I	Oxyacetylene Welding.....( <b>Weld 101</b> )	1
Welding II	Basic Shielded Metal Arc Welding.. ( <b>Weld 102</b> )	6
Welding III	Beginning MIG (GMAW) Welding... ( <b>Weld 202</b> )	3
Welding IV	Beginning TIG.....( <b>Weld 206</b> )	3
Accounting Principles I Accounting Principles II	Principles of Accounting I.....( <b>ACC 122</b> )	3
Business Computer Application 1 Microsoft IT Word & Excel Business Computer Applications 2 Microsoft IT PowerPoint/ Access	Microsoft Applications.....( <b>CIT 117</b> )	3
Office Management	Microsoft Word I .....( <b>CIT 120</b> )	3
Comp TIA A+	A+ Networking & Software .....( <b>CIT 184</b> )	3
Comp TIA A+	A+ Hardware Essentials.....( <b>CIT 123</b> )	3
Business and Marketing Essentials	Introduction to Business.....( <b>BA 100</b> )	3
Marketing Principles Marketing Applications	Principle of Marketing.....( <b>MKT 230</b> )	3
Restaurant & Culinary Foundations Restaurant & Management Essentials Advanced Principles in Food Production The Restaurant Professional	Food Service Sanitation and Safety..( <b>Cart 121</b> ) *Must have Serv Safe Certification	2
Anatomy & Physiology	Anatomy & Physiology.....( <b>B10 114</b> )	3

**NURSING:** If a student brings in an American Heart Association CPR and First Aid Card, they receive HPE 110- First Aid and CPR – 1 Credit

**EARLY START:** Juniors and Seniors may take General Education Courses on-site or online for \$25.00 Per credit hour. A three (3) hour course - \$75.00

**NOTE:** This is a continuing process in which WVNCC is working on additional courses to be granted credit.

## Career and Technical Education Completer Course Selection Process

In an effort to align all of the CTE Completer Concentrations selection processes, we have created a rubric to make your selection process easier to track. On the rubric, you will add each student's name that has selected your course as an elective. Depending on how many students selected your course will determine the point total that you use (i.e. if 25 students apply for your class, you will be on a 25 point scale). From this point, you would rank the students in order from 25-1 (25 being the highest and 1 being the lowest) in the areas of GPA, Attendance, Teacher Recommendation and Discipline. Once the rubric is completed, you can sort from most to least in your spreadsheet, and this will give you your list of students to recommend for your class.

**GPA 15%-** GPA will be rated very easily with the highest GPA getting the most points to the lowest GPA getting the least amount of points.

**ATTENDANCE 35%-** Attendance will be rated very easily with the least amount of absences getting the most points to the most absences getting the least amount of points.



**DISCIPLINE 35%-** Discipline will be looked at in the same manner however, we need to take the severity of the actions into account. For example, if student A has 5 discipline referrals resulting in lunch detention but student B has only 2 discipline referrals for fighting, student A would receive more points. Please use your best judgment in ranking discipline.

\*Referrals - Level 1 & 2 behaviors (Tardies, skipping class, ext.) will count as 1 referral. Level 3 & 4 behaviors will count as 3 referrals.

**TEACHER RECCOMENDATION/INTERVIEW/APPLICATION 15%-**

\*\* Interview – Please consider 1 point for each of the following:

1. Appearance
  2. Greeting
  3. Communication
  4. Body Language
  5. Posture and eye contact
  6. Politeness
  7. Attitude
  8. Response to questions
  9. Candidate integrity
  10. Overall demonstration of interview skills/application process
- \*In this section you may add up to 5 points for a "teacher recommendation"

**COMPLETION -** At the completion of the rubric, the student with the highest number will be awarded the first "spot" in your class, the second highest score will be awarded the second spot in your class and so on and so forth.

## John Marshall Career Technical Education Application

### STUDENT APPLICATION FORM JOHN MARSHALL HIGH SCHOOL

Name \_\_\_\_\_ Grade \_\_\_\_\_

WVEIS Number \_\_\_\_\_ High School \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone # \_\_\_\_\_ Alternate Number \_\_\_\_\_

Best Number to Reach Parent/Guardian \_\_\_\_\_

#### Programs Offered

AUTO COLLISION REPAIR – AUTO TECHNOLOGY – BUSINESS - COMMUNICATIONS TECHNOLOGY –  
CONVENTIONAL/COMPUTER-AIDED DRAFTING - HORTICULTURE – MACHINE & TOOL TECHNOLOGY –  
MARKETING – PROSTART – THERAPEUTIC SERVICES – WELDING TECHNOLOGY

*Indicate in Which Programs You Wish to Enroll (Please List Your Top 2 Choices)*

Choice 1: \_\_\_\_\_ Choice 2: \_\_\_\_\_

What is your reason for wanting to enroll in this program? (Choice 1) (Note: You will only be selected for 1 program.)

What are your plans after high school? \_\_\_\_\_

Reference: Name \_\_\_\_\_ Phone \_\_\_\_\_  
(Someone Not Related to You)

Name \_\_\_\_\_ Phone \_\_\_\_\_  
(Someone Not Related to You)

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

Non-Discrimination: This Company prohibits discrimination against or harassment of any person employed by or seeking employment with the CTE program because of race, creed, religion, or national origin or because of age, physical or mental disability, or sex.

#### (For School Use Only)

Student GPA \_\_\_\_\_ Days Absent in Current Year \_\_\_\_\_ Number of Failed Classes \_\_\_\_\_

# JMHS SCHEDULE PLANNER

	<b>CORE CLASSES</b>	<b>1<sup>st</sup> Semester</b>	<b>2<sup>nd</sup> Semester</b>
<b>1</b>	<b>English/Lang. Arts</b>		
<b>2</b>	<b>Mathematics</b>		
<b>3</b>	<b>Science</b>		
<b>4</b>	<b>Social Studies</b>		
	<b>OTHER REQUIREMENTS</b>		
<b>1</b>	<b>Fine Arts</b>		
<b>2</b>	<b>Physical Education</b>		
<b>3</b>	<b>Health</b>		
	<b>ELECTIVES</b>		
<b>1</b>	<b>#1 Choice</b>		
<b>2</b>	<b>#2 Choice</b>		
<b>3</b>	<b>#3 Choice</b>		
<b>4</b>	<b>#4 Choice</b>		
<b>5</b>	<b>#5 Choice</b>		
<b>6</b>	<b>#6 Choice</b>		
	<b>Total Number of Classes</b>		
	<b>Total Number of Credits</b>		