

# Hampshire High School

## Registration Guide



2019-2020

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# GRADUATION REQUIREMENTS

(Based on WVDE Policy 2510)

## For 2020 Class

### Core Academic Requirements:

- 4 English Credits
- 4 Math Credits
- 3 Science Credits
- 4 Social Studies Credits
- 1 Physical Education Credit
- 1 Health Credit
- 1 Arts\* Credit
- 18 Credits in Core Academic Requirements
- +6 Personalized elective courses (See **Programs of Study** publication for additional information.)
- 24 Credits Required for Graduation

## For Classes of 2021 & Beyond

### Core Academic Requirements:

- 4 English Credits
- 4 Math Credits
- 4 Science Credits
- 4 Social Studies Credits
- 1 Physical Education Credit
- 1 Health Credit
- 1 Arts\* Credit
- 1 Business Computer Applications 1 Credit
- 20 Credits in Core Academic Requirements
- +6 Personalized elective courses
- 26 Credits Required for Graduation**

\*Courses that meet eligibility for the Arts requirement:

Art	Guitar	Digital Imaging I
Band	Dance	Music Appreciation/History
Chorus/Vocal Ensemble	Individual Music Study	Floriculture
Theater	Creative Writing	

## Experiential Learning (Work Based Experience)

In addition to the required courses, students are required to participate in one of the following Experiential Learning options:

**Community service** (18 hours minimum; the student must not be paid for this time and must do the activity with someone other than an immediate family member.)

**Job shadow** (The student may take a job shadow trip with the school or schedule one on her/his own.)

**Field trip including college visit**

**Promotion Requirements (for 24-credit graduation requirement)**

To be a:	You must have:
Sophomore	5 credits
Junior	10 credits
Senior	18 credits

**Promotion Requirements (for 26-credit graduation requirement)**

To be a:	You must have:
Sophomore	6 credits
Junior	11 credits
Senior	18 credits

## GENERAL INFORMATION

**Daily Schedule:** Students have eight classes plus one lunch period each day that last the entire school year. A few courses are blocked over two periods and change at the semester.

**Schedule Changes:** Changes to schedules should be completed prior to the first day of school. We will set a date for any needed schedule changes before school begins, and we will notify all students of these dates through the School Messenger System. Once school begins, students must complete the Change of Schedule Form and secure all required signatures. Schedules will not be changed to switch lunch periods or because of the teacher assigned.

**Exceptions to Attendance Policy:** In accordance with State Board of Education policy, the Hampshire County Board of Education promotes attendance for all four years during Grades 9-12. All students shall be scheduled for the full day for all four years. Any requests for exceptions must be submitted in writing on the Hampshire County Exception form and must be approved by the school principal, county attendance director, county superintendent and the Board of Education. Students must have a 3.0 GPA, no F's on their transcripts and have completed all Credit Recovery before being approved. The earliest date a student can be approved is October 1. GPA will be checked each nine weeks.

**Alternative Education:** The Alternative Education program is designed to meet the academic needs of secondary level students who have not been successful in a regular educational setting. Upon completion of all requirements for graduation, students will receive an official transcript and diploma.

**Athletic Participation:** In order to participate in athletics at Hampshire High School, an athlete must have passed at least 4 classes the previous semester and have a 2.0 GPA or higher. Summer school may be included. A semester course that constitutes 8100 minutes of instruction (block schedule) will count as two subjects. Students who plan to play at the collegiate level should not enroll in Transition English or Transition Math, Math III TR or Math IV TR.

**NCAA Eligibility for College:** High school student athletes who wish to participate in Division I and II college athletics are required to fulfill both the academic and amateur standards set by the NCAA. Currently, the NCAA requests that students must present a corresponding test score (SAT and/or ACT) as well as a core-course GPA of at least a 2.7. To register with the NCAA, parents and students should go online to [www.ncaa.org](http://www.ncaa.org). Clicking the "NCAA Eligibility Center" link will allow them to register and access information regarding rules and regulations. It is advised that students who plan to play at the collegiate level should not enroll in Transition Math 12, Transition English 12, and Math III TR. **For further information, please see Mr. Miller, counselor.**

**Courses Prior to 9<sup>th</sup> Grade:** Students who successfully complete a high school level course prior to grade nine will receive full credit for that course toward graduation requirements. The student's permanent record for grades 9-12 will indicate

completion of the courses. The grade for any such course(s) taken prior to grade nine becomes part of the student's permanent record.

**Grade Point Average (GPA):** Grades are averaged based on a 100 point scale using all courses taken except for work study, advisory, community service, exchange program, summer band/show choir and summer work experience. Classes will be divided into three categories – Advanced Placement (AP/College Credit Courses), Honors and Regular Classes.

The Grading Scale for all classes is:

90-100 = A – 4.0

80-89 = B – 3.0

70-79 = C – 2.0

60-69 = D – 1.0

0-59 = F – 0.0

Weight is given when calculating GPA. Students receive one full quality point higher when he/she passes Advanced Placement/College Credit courses (excluding seamless) and ½ quality point higher when passing high school honors/Pre-AP courses. College courses equal to three college credits are equal to ½ high school credit unless they are identified as dual-credit courses.

**Class Rank:** All students in a class will be included in determining rank-in-class during the 12<sup>th</sup> grade year. Students will be ranked at the conclusion of the first semester and at the conclusion of the second semester during the 12<sup>th</sup> grade year. High school courses taken before grade 9 and during grades 9-12 will be used to determine rank-in-class. Work study, advisory and courses not given a numerical average do not count in ranking. At the graduation ceremony, honor students will be recognized as follows: Highest Honor = 4.0 and higher, High Honor = 3.75-3.99, and Honor = 3.5-3.74.

**Testing Out:** Students who have demonstrated mastery of instructional goals in a course will be provided the opportunity to progress to the next level of instruction through the testing out process. A window of time will be provided at least once a year to provide students with the opportunity to sign up to take test(s). Students will be screened and notified if they are eligible to sit for the test. A date will be established, and students will be provided with adequate notice of the test date as well as reference materials (if available) from which to study. All students will be notified of the grade earned on the test(s), and those students who pass will have the credit applied to their high school transcript.

**Personalized Education Plan (PEP):** In the state of West Virginia, students are required to complete an educational plan that details their course work during their high school years. At the 8<sup>th</sup> grade level, students along with their parents and counselors/advisers choose a broad career cluster area from the clusters:

- \*Agriculture, Food & Natural Resources
- \*Architecture and Construction
- \*Arts, W/V Technology and Communication
- \*Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- \*Health Sciences
- \*Hospitality and Tourism
- Human Services
- \*Information Technology
- \*Law, Public Safety, Correction and Security
- Manufacturing
- Marketing
- Science, Technology, Engineering and Mathematics
- \*Transportation, Distribution and Logistics

\*Concentrations are available at Hampshire High School in these career clusters for CTE Completer Certification if specific course pathways are followed. If other electives are substituted, the student will not be eligible for the Completer Certificate.

During the 9<sup>th</sup> grade and each subsequent year, each student reviews and updates her/his PEP in collaboration with the counselor, teachers, advisers, and parent and/or guardian.

In the 10<sup>th</sup> grade, students develop the second phase of the PEP by planning for grades 11, 12 and one year beyond high school. Students are asked to choose a more specific career concentration. Refer to the Programs of Study (page 40) to plan for those courses.

The PEP will be used by advisers, counselors and the administration in planning and changing students' schedules. Therefore, it is important to have serious input from the students and parents. For more information, please contact the counselors. The PEP may be amended at the end of any semester as long as it does not interfere with the completion of graduation requirements based on availability of courses.

**TASC (High School Equivalency Exam):** Hampshire County Schools offers the opportunity for adults to earn an HSED. The Adult Basic Education Center is located on the Hampshire High School campus. For more information, please contact the Adult Basic Education instructor at 304-822-5016, extension 1015. Students who are enrolled in the regular high school program are not eligible for the TASC program unless they are at least 17 years of age. Students who are 18 or below must attend class a minimum of 15 classroom hours per week in order to keep their drivers' licenses. More than 10 unexcused absences in a semester will result in termination from the program.

**Special Education Program:** The Special Education Program provides a comprehensive program for each student between the ages of 3 and 21 who has been identified as having a special need. These special needs include communication, mental or emotional handicaps, exceptional or gifted, and learning disabilities. Consideration of a student's need for special education services is initiated by a referral that may be made by the parents, a physician, a community agency, and/or school personnel. In all cases, parental permission is required for participation in special education unless the student is 18 or married.

**Credit Recovery:** Credit recovery is offered on a limited basis for students to earn missed credit in order to graduate. First preference is given to seniors. Credit recovery students will be assigned to a teacher who teaches a similar subject area, if possible.

Re-earned credits are documented on the students' transcripts. The highest grade a student can earn for a recovered class is a "D." For the Classes of 2021 and Beyond, students who take more than two credit recovery classes throughout their high school years may not participate in graduation.

**5<sup>th</sup> Year Seniors** who wish to take Credit Recovery courses will be charged \$50 per class which will be returned to the student once the class is successfully completed.

**Option Pathway Program:** The Option Pathway Program allows students who are currently enrolled in high school an alternate route to graduate from high school and/or attain their High School Equivalency Diploma. Students completing the Option 1 Pathway will graduate with their peers and attain a High School Diploma and a High School Equivalency Diploma. For more information, please contact the Guidance Department.

## **Virtual Courses:**

### **Overview of courses available:**

- ◆ Core requirement
- ◆ Foreign Languages
- \* Advanced Placement (AP) Courses
- \* Many additional electives

### **Eligibility Requirements:\***

- \* A required course is not offered in-person.
- \* A required course is offered in-person, but an unavoidable scheduling conflict exists.
- \* An AP course/other elective course is not offered in-person.
- \* Must complete honors form if wanting to take honors/ AP courses through virtual school.
- \* *Circumstances may vary by student, final eligibility determinations will be made by the school principal and guidance counselor.*

### **Dropping Courses:**

- \* Virtual school courses have a drop date ranging from 14-28 days; please check with your provider for guidelines on dropping courses.
- \* Dropping after the “drop date” will result in a course being transcribed as WF (Withdrawn Failure).

More information can be viewed online at <http://virtualschool.k12.wv.us/vschool>>. Please see Mrs. Haines in Guidance for registration and any additional questions.

**West Virginia PROMISE Scholarship Program:** The PROMISE Scholarship is a merit-based financial aid program for West Virginia residents. Students who achieve certain academic goals are eligible to receive funds to help pay for college. Eligible high school graduates will receive annual awards up to \$4,750 to cover the cost of tuition and mandatory fees at public or independent institutions in West Virginia. Eligibility requirements and additional information can be found at [www.cfww.com](http://www.cfww.com)>.

**Career Technical Certification:** It is the goal of Hampshire High School to offer national or regional certification in all career and technical programs. Please refer to the Career and Technical Education Programs of Study Guide to see which certifications can be earned for specific programs.

**Testing:** Students at Hampshire High School are exposed to many different tests while enrolled here. These exams may be to test academic ability, career aptitude or for college preparation. The following is a brief description of each.

- **ACT/SAT** – Most colleges and universities require one of two major entrance exams: The American College Testing Program (ACT) and/or the Scholastic Aptitude Test (SAT). Students usually take these at the end of the junior year or at the beginning of the senior year. Hampshire High School is an official testing site of the ACT.
- **Smarter Balanced Assessments** – The Smarter Balanced Assessment is administered to freshmen, sophomores, and juniors and is used to assess what students are learning. The questions and performance tasks on the assessment align with West Virginia’s Next Generation Standards and the Common Core State Standards.
- **ASVAB** – Beginning with the 2014-2015 school year, all junior students who are interested in a possible career in the Armed Services will be administered the ASVAB (Armed Serviced Vocational Battery). This test will be used to help students explore career possibilities and strengths and weaknesses. Students will not be pursued by the military after taking this exam. Scores on the ASVAB are valid for two years if the student is interested in using these scores for military entrance.
- **PSAT** – The PSAT helps students become college ready. It provides detailed feedback on skills, access to scholarships and personalized online tools and is an excellent practice for the SAT. The PSAT is administered to sophomores and juniors. The test is voluntary and is \$14 to take. As a junior, a student can qualify as a National Merit Scholar by scoring well on this exam. For more information please visit [collegeboard.org](http://collegeboard.org).

## HONORS/PRE-AP, ADVANCED PLACEMENT, AND COLLEGE COURSES

### Why take advanced classes?

1. Advanced classes better prepare the student for college success.
2. Advanced classes will help the student perform better on her/his college entry exams.
3. Better exam results can help earn the Promise Scholarship and other merit scholarships.
4. College admissions offices will not be fooled with a 4.0 GPA if it doesn't include the rigorous classes that the high school has to offer. Most colleges and universities consider a rigorous curriculum very important in their admission process.

### College Courses

*Weighted 1.0 Higher (A=5.0, B=4.0, etc.)*

Hampshire High School currently offers college credit hours through articulation and dual-credit courses with area colleges. Students in grades 11 and 12 are eligible for college credit. Some colleges require a specific GPA in order to take an early entrance college course.

We are continually working on other curricular offerings to give students an even greater opportunity to earn college credit while attending high school. Therefore, course offerings could change at any time. See the counselor for the latest information on early entrance and dual credit courses. **Check with Mrs. Haines in Guidance for the latest information about college classes.**

\*Colleges require students to pay tuition.

### AP Courses

*Weighted 1.0 Higher (A=5.0, B=4.0, etc.)*

Hampshire High School also currently offers Advanced Placement level courses in which students pay for an examination at the end of the course to test for college credit. Appropriate scores could earn students college-level credit. Contact Joshua Miller, counselor, for more information on Advanced Placement examinations.

AP examination fee waivers are available to individuals (currently receiving free or reduced lunch) meeting specific financial requirements. In order for an AP course to be taught, there must be enough student requests; consequently, some AP courses may only be offered every other year.

### Honors/Pre-AP Courses

*Weighted 0.5 Higher (A=4.5, B=3.5, etc.)*

In order to be successful in Honors/Pre-AP classes, students should come to those classes with the necessary skills and motivation. The following criteria are good predictors of success in these courses:

1. Overall cumulative GPA of 3.5 or higher;
2. Grade of A or B in similar course;
3. Most recent standardized test scores:

For enrollment in English/Social Studies or Life/Earth Science classes, total reading score of 3 or 4 on Smarter Balanced Assessment. Physical Science/Math classes, total math score of 3 or 4 on Smarter Balanced Assessment;

4. Five or fewer absences during the previous semester; and
5. Teacher recommendation from a teacher who teaches a related course.



### **Applying for Honors/Pre-AP, AP Courses**

Any student wishing to take Honors/Pre-AP or AP courses should have a teacher signature and a parent signature on the Course Selection Sheet. Teachers should sign the Course Selection Sheet next to the name of the course. Other areas may be considered by Guidance: overall cumulative GPA of 3.5 or higher; grade of A or B in a similar course; five or fewer unexcused absences during the previous semester.

Some classes may require additional criteria to qualify for enrollment, i.e., prerequisite courses, test assessment, etc.

Once students are scheduled into an Honors/Pre-AP, AP class, they will not be permitted to change their schedules in order to take an "easier" class.

### **Graduating With Honors**

The Hampshire High School Honors Program has been developed to encourage students to take more advanced classes, to create a climate of academic excellence, to recognize students in pursuit of academic excellence and to better prepare students for college and the work force. The following are required to graduate with honors:

#### **Course Requirements:**

1. 4 English (3 must be honors level) NOTE: Class of 2020 & Beyond: must be 2 Honors English and an AP or Dual Credit College class
2. 4 Math (3 must be honors level)
3. 4 Science (2 must be honors level)
4. 4 Social Studies ( 3 must be honors level)
5. 3 Foreign Languages or 2 of the same Foreign Language plus 1 additional AP or Dual Credit College class in any area. NOTE: Class 2020 & Beyond: must be 3 Foreign Languages and 2 AP or Dual Credit College classes; or 2 Foreign Languages and 3 AP or Dual Credit College classes

#### **Academic Activities:**

1. Student must participate in an Academic or Career & Technical competition such as:
  - a) Math Field Day
  - b) WV Young Writers Contest
  - c) Social Studies Fair
  - d) Science Fair
  - e) Italian Exchange Program
  - f) Art Show
  - g) Music Recital
  - h) Senior Project
  - i) FFA State Competition
  - j) DECA State Competition
  - k) Skills USA State Competition

2. Student must do 18 hours of Community Service.

#### **Course Requirements Class 2020 & Beyond:**

1. 4 English (2 must be honors level and an AP or Dual Credit College class)
2. 4 Math (3 must be honors level)
3. 4 Science (2 must be honors level)

4. 4 Social Studies (3 must be honors level)
5. 3 Foreign Languages and 2 AP or Dual Credit College classes or 2 Foreign Languages and 3 AP or Dual Credit College classes.

**Academic Activities:**

1. Student must participate in an Academic or Career & Technical competition such as:
  - a) Math Field Day
  - b) WV Young Writers Contest
  - c) Social Studies Fair
  - d) Science Fair
  - e) Italian Exchange Program
  - f) Art Show
  - g) Music Recital
  - h) Senior Project
  - i) FFA State Competition
  - j) DECA State Competition
  - k) Skills USA State Competition

2. Student must do 18 hours of Community Service.

**Eligibility**

Students must maintain a 3.5 GPA (weighted). A grace period of 1 semester is recommended for students who fall below 3.5 to allow them to redeem themselves.

**Ethics**

Cheating of any sort will result in the removal of the student from the program.

\*\*Students graduating in the Honors Program will be recognized for their achievement through end of year awards ceremonies, a seal on the diploma, a notation in the graduation ceremony program, and a special cord/tassel to be worn with graduation gown.

# COURSE DESCRIPTIONS

## Agriculture

*ALL STUDENTS TAKING AGRISCIENCE CLASSES MUST HAVE MEDICAL INSURANCE.*

*Students are encouraged to become active members of the student organization, FFA.*

### **010100 Introduction to Agriculture, Food, and Natural Resources**

*Grade Level: 9<sup>th</sup>-11<sup>th</sup> Prerequisites: None*

This is a core course for the Agriculture, Food and Natural Resources Career Cluster that builds a knowledge base and technical skills in all aspects of the industry. Learners will be exposed to a broad range of agriculture, food and natural resource careers. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **010200 The Science of Agriculture**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources*

This course focuses on the basic scientific principles and processes related to the production of plants and animals for the food and fiber systems. Topics of instruction include basic understanding of the livestock/poultry industry and its various components, career opportunities, soil science, crop science/agronomy, weed science, basic agricultural mechanics and related industry careers, environmental stewardship, entrepreneurship, and leadership/personal development. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **013600 Advanced Principles of Agriculture**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and The Science of Agriculture*

This course provides instruction that expands the scientific knowledge and technical skills gained in The Science of Agriculture. Topics of instruction include livestock/poultry industry and its various components, career opportunities, soil science, crop science/agronomy, weed science, agricultural machinery and related industry careers, environmental stewardship, entrepreneurship, and leadership/personal development. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **011200 Fundamentals of Agriculture Mechanics**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources*

This course introduces the knowledge and skills for applying the physical science principles and principles of operation and maintenance to mechanical equipment, welding and fabrication, structures, plumbing, electrical wiring, power utilization, and entrepreneurship. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **011300 Agriculture Structures**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Fundamentals of Agriculture Mechanics*

Students will use computer skills to develop simple sketches and plans, read and relate structural plans to specifications and building codes, estimate project costs, use construction/fabrication equipment and tools, and plan and design machinery, equipment, buildings and facilities. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **014900 Companion Animal Care**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

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

This is a specialization course designed for students interested in entering the companion animal industry as a pet groomer, animal care giver, and/or companion animal entrepreneur. The course will cover topics on grooming, animal restraint, developing feed rations, business planning, developing marketing plans and animal facilities as they apply to various companion animals such as dogs, cats, rodents, birds, reptiles, amphibians and fish. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **014000 Animal Production and Management**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Companion Animal Care or Livestock Production*

This course is designed to be a core course in the Animal Systems concentration. The course will cover topics on animal restraint, animal management techniques, animal health and welfare, balancing rations, pedigree analysis and entrepreneurship. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **023000 Livestock Production**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

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

This is a specialization course designed for students interested in entering the livestock industry as a herd manager or livestock entrepreneur. The course will cover topics on nutrient management, farm planning, business planning, developing marketing plans, developing feed rations, forages, grassland management, embryo transfer and animal facilities as they apply to various livestock such as cattle, swine, sheep, goats, poultry and horses. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **013900 Fundamentals of Animal Processing**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

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

This course introduces students to the principles and applications of animal processing. Students will learn carcass grading, primal and retail cuts, workplace safety, how to process primal and retail cuts, and entrepreneurship. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **015100 Animal Processing – Retail**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

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

This course is designed to give students the skills and knowledge needed to enter a career in the retail industry of animal processing. This course will build upon the concepts learned in Fundamentals of Animal Processing and emphasize retail cut processing, creating value added products, working with the public, and entrepreneurship. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **021200 Horticulture**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

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

This course provides instruction on the broad field of horticulture with emphasis on the scientific and technical knowledge for a career in horticulture. Topics in this course include plant growth and development, plant nutrition, media selection, basic plant identification, pest management, chemical disposal, customer relations, career opportunities, leadership development and entrepreneurial skills. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **021400 Greenhouse Production and Management**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Horticulture*

This specialization course covers instruction that expands the scientific knowledge and skills to include more advanced scientific computations and communication skills needed in the horticulture industry. Topics include greenhouse plant production and management, bedding plant production, watering systems, light effects, career planning, leadership

development and entrepreneurial skills. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **022000 Fruit and Vegetable Production**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Horticulture*

This specialization course covers topics on floral design, business planning, market plan development, and entrepreneurship. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **021400 Floriculture**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Horticulture*

This course covers topics in plant nutrition, site preparation, plant selection, harvesting, equipment, value-added agriculture, insect and disease identification and control, food safety, soil management, entrepreneurship and animal control.

### **024000 Turf and Landscape Systems**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Horticulture*

This specialization course covers topics on lawn care and turf production, golf course management, irrigation systems, turf equipment and maintenance, landscape design, landscape plants, landscape maintenance, plant pruning, marketing and entrepreneurship. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **018300 Forest Management**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Natural Resources Management*

This course is designed to be a basic forestry course for students interested in forestry. The course will cover topics on best management practices, timber felling basics, dendrology, tree measurement basics, water quality, forest fire, read topography maps and basic log road layout, forest hazards ID, basic forestry concepts of edge, diversity, succession and structure, forest business and economics, forest insects, forest disease and entrepreneurship. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **019000 Fish and Wildlife Management**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources and Natural Resources Management*

This specialization course covers topics on advanced wildlife management principles, water quality, fish biology, history of fish and wildlife, habitat management, life history and wildlife values as a natural resource. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **020000 Natural Resources Management**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Introduction to Agriculture, Food, and Natural Resources*

This specialization course covers topics on soil and water conservation, basic wildlife management, environmental law and regulations, basic forestry and land management. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts. Students will be provided with real world learning opportunities and instruction.

### **014600 Leadership Development**

*Grade Level: 12<sup>th</sup> Prerequisites: Introduction to Agriculture; Science of Agriculture; Advanced Prin. of Ag*

This course is designed to provide students with basic leadership skills. Instructional areas include leadership styles, goal setting, time management, public speaking, job skills and interpersonal relationships. Safety instruction is integrated into relevant activities. Teachers should provide each student with real world learning opportunities and instruction related to selection, development and maintenance of individual Supervised Agricultural Experience (SAE) programs. Students are encouraged to become active members of FFA, the national youth organization for those enrolled in

agricultural education. FFA is an integral component of the program and provides curricular opportunities that enhance student achievement. Teachers should utilize relevant FFA activities to support experiential learning.

### **013400 Agriculture Experience Program Summer Program – Required to complete all Ag Programs listed above**

The Supervised Agricultural Experience Program is a hands-on, student planned way for them to apply skills learned in the classroom to real world agricultural experiences. With help from their agricultural teachers, students develop an SAE project based on one or more SAE categories: *Entrepreneurship* – Own and operate an agricultural business (i.e., a lawn care service, a pay-to-fish operation, holiday poinsettia production and sales). *Placement* – Get a job or internship on a farm or ranch, at an agriculture-based business, or in a school or factory laboratory. *Exploratory* – Explore careers in agriculture by attending an agriculture career fair or creating a report or documentary on the work of a veterinarian.

### **017000 Introduction to Pet Grooming, Boarding and Obedience**

*Grade Level: 9<sup>th</sup>-11<sup>th</sup>* *Prerequisites: None*

The Introduction to Pet Grooming, Boarding and Obedience course is an introductory course to the Pet Grooming concentration designed for students to gain basic understanding of the each of these three segments of the pet industry. The performance skill sets will focus on students performing basic bathing and drying of dogs and cats.

### **017100 Pet Grooming and Understanding Personalities**

*Grade Level: 9<sup>th</sup>-11<sup>th</sup>* *Prerequisites: None*

The Pet Grooming and Understanding Personalities course is a core course in the Pet Grooming concentration designed for students to gain a deeper understanding of the pet grooming laboratory and the anatomy of canines and felines as well and the health, nutrition, reproduction and behavior of these animals. Students will perform more advanced grooming techniques on animals.

### **017300 Pet Grooming, Boarding and Obedience Entrepreneurship**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>* *Prerequisites: Introduction to Pet Grooming, Boarding and Obedience and Pet Grooming, Boarding and Obedience Entrepreneurship*

This specialization course is for students who seek business and management techniques that will enable them to become successful in owning and operating a business in the pet grooming, obedience and boarding industries. Topics covered include business organizational structures, legal and financial aspects of entrepreneurship, and marketing. Students will utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts and develop a business plan.

### **018000 Advanced Pet Grooming and Understanding Personalities**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>* *Prerequisites: Introduction to Pet Grooming, Boarding and Obedience and Pet Grooming, Boarding and Obedience Entrepreneurship*

The Advanced Pet Grooming course is an advanced specialization course designed for students to create a pet grooming business within the Simulated Workplace environment. Students will manage and operate a pet grooming business in the school laboratory.

## **ART**

### **321100 Art 1**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>* *Prerequisites: None*

This course introduces students to art basics and the principles of design. Work in this course emphasizes drawing and painting skills. Students use pencil, etc., to create a variety of projects. Students must have an interest in art, some drawing ability and be creative thinkers. Students will be required to purchase or provide a sketchbook and several fine-line black markers.

### **321200 Art II**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Art I*

Students will learn advanced drawing and painting techniques, portrait and figure drawing, cartooning and various art styles from history. Students concentrate on graphic and commercial design. A higher level of drawing ability will be required to be successful.

### **321300 Art III**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Art I and Art II*

This course is for students who have a desire to incorporate their artistic talents in a career related field. Emphasis will be given to the formulation of a portfolio of the students' artwork. Techniques of matting and presentation of art works will be stressed. Participation in displays and exhibits will be encouraged. Current job market trends relating to art will be discussed. Students will need to purchase some matte board.

### **321300 Art IV**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: Art III*

This class will increase sophistication in areas that were developed in Art III. This course builds on Art III through creative experiences and reflective discussion of artworks. An understanding of how history, culture and the arts influence each other is explored.

## **AUTOMOTIVE TECHNOLOGY**

ALL STUDENTS TAKING AUTOMOTIVE CLASSES MUST HAVE MEDICAL INSURANCE.

The three year, six semester, automotive program consists of 845 clock hours of classroom and hands-on training. Instruction in the AST-NATEF certification areas are electrical systems, brake systems, steering and suspension systems, engine repair, engine performance, heating and air condition, manual and automatic transmission/transaxle assemblies. Units of instruction follow AST-NATEF standards and OEM specifications for diagnosis and troubleshooting, removal and replacement of components and service and maintenance in each designated area. There is a focus on the internal technology and the interrelationship of each system beginning with basic fundamental and progressing through the complexities faced by today's technicians. The appropriate and safe utilization of computer based diagnostic and repair tool, specialty tools and general electrical and hand tools used in today's automotive industry. Students must complete all course objectives to the instructor's satisfaction and complete all final exams on the "Today's Class" with a score of 75% or higher.

### **163100 Auto I – Fundamentals of Automotive Technology – 1<sup>st</sup> Semester**

*Grade Level: 10<sup>th</sup>*

*Prerequisites: Math I; completion of intro exam and interview by instructor*

This course will introduce students to the basic skills in automotive technology. Automotive fundamentals will consist of 50% classroom and 50% lab. This course is offered to sophomore students and is a requirement for students who plan to make automotive technology their career major and before continuing with any future automotive technology courses. This is a one semester 90-minute course. Students must maintain a notebook and a passing grade of 75% or higher in all e-learning courses to be eligible for any future automotive classes. Class size is limited to a maximum of 15 students.

### **162700 Auto I – Electrical/Electronic Systems – 2<sup>nd</sup> Semester**

*Grade Level: 10<sup>th</sup>*

*Prerequisites: Students must have the instructor's signature and meet all criteria from the previous class to be eligible for this course.*

This course is required for all students who have automotive technology as their career major. This is a NATEF required course. This is a one semester, 90-minute course that will be offered to sophomore students in their second semester that met all the required criteria from the fundamentals of automotive technology. This course will introduce students to the skills, technology and service of electrical/electronic systems of today's automobiles. Students are required to

maintain a notebook and a passing grade of 75% or higher in all e-learning courses to be eligible for any future automotive classes. Class size is limited to a maximum of 15 students.

### **162500 and 163700 Auto II – Automotive Brakes, Steering and Suspension Systems – 3<sup>rd</sup> and 4<sup>th</sup> Semesters**

*Grade Level: 11<sup>th</sup>*

*Prerequisites: Students must have the instructor's signature and meet all criteria from the previous class to be eligible for this course.*

This course is for all students who have automotive technology as their career major. The Brakes and Steering and Suspension Systems are NATEF required courses. These courses are one semester, 90 minute courses that will be offered to junior students in their first and second semesters that met all the required criteria from their Auto I classes. The first semester is automotive brakes, and the second semester is automotive steering and suspension systems. Automotive II consists of 25% classroom and 75% lab. Students are required to maintain a notebook and a passing grade of 75% or higher in all e-learning courses to be eligible for any future automotive classes. Class size is limited to 15 students.

### **162300 and 162900 Auto III – Basic Engine Concepts and Engine Performance – 5<sup>th</sup> and 6<sup>th</sup> Semesters**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: Students must have the instructor's signature and meet all criteria from the previous class before being eligible for this course.*

This course is for students who have automotive technology as their career major. Basic engine concepts and engine performance are NATEF required courses. These courses are one semester, 90-minute courses that will be offered to senior students in their first and second semesters that met all the required criteria from their Auto II classes. First semester is basic engine concepts, and second semester is engine performance. Automotive III consists of 25% classroom and 75% lab. Students are required to maintain a notebook and complete all final exams with a score of 75% or higher. Class size is limited to 15 students.

### **163300 and 163500 Auto III - Heating and Air Conditioning and Manual/Automatic Drive Axles- 7<sup>th</sup> and 8<sup>th</sup> Semesters**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: Students must have the instructor's signature and meet all criteria from the previous class before being eligible for this course.*

This course is for students who have automotive technology as their career major. Heating and Air Conditioning and manual/Automatic Drive Axles are AST-NATEF required courses. These courses are for senior students only and will be offered as a two-semester 30-45 minute period extension of the present Auto III courses. Auto III courses consist of 25% classroom and 75% lab. Students are required to maintain a notebook and complete all final exams on "Today's Class" with a score of 75% or higher. Class size will be limited to 15 students.

## **BROADCASTING TECHNOLOGY**

**Program of Study Description:** The Broadcasting Technology Program of Study focuses on careers related to the broadcasting industries of both television and radio. Students obtain skills to work in program production, news-related, technical, sales, and management occupations in broadcasting.

### **153100 Radio Broadcasting Fundamentals**

*Grade Level: 9<sup>th</sup>- 10<sup>th</sup>*

*Prerequisites: None*

### **1681 Fundamentals of Broadcasting**

*Grade Level: 10-11<sup>th</sup>*

*Prerequisites: Radio Broadcasting Fundamentals*

This course introduces the student to the knowledge base and technical skills for all courses in the Broadcasting Technology Program of Study. Areas of study include fundamentals of broadcasting, broadcasting equipment, on-air presentation skills, and student organizations. Emphasis will be placed on career exploration, job seeking skills, and personal and professional ethics. Safety instruction is integrated into all activities. Students will utilize problem-solving techniques and participate in laboratory activities to develop an understanding of course concepts, and teachers should provide each student with real world learning opportunities and instruction related to broadcasting occupations. Students are encouraged to become active members of Skills USA for additional co-curricular opportunities that



enhance student achievement, develop student leadership, and support experiential learning. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.

### **168300 Radio Broadcasting Presentations**

*Grade Level: 10-11<sup>th</sup> Prerequisites: Radio Broadcasting Fundamentals*

This course will provide students with the knowledge to perform, either in a live or mock setting, a radio broadcast. Areas of study include on-air news presentations, deejay presentations, radio production and management, and student organizations. Students will demonstrate knowledge and technical expertise in the preproduction and performance of a live 30-minute show. Students will utilize problem-solving techniques and participate in laboratory activities to develop an understanding of course concepts, and teachers should provide each student with real world learning opportunities and instruction related to broadcasting occupations. Safety instruction is integrated into all activities. Students are encouraged to become active members of Skills USA for additional co-curricular opportunities that enhance student achievement, develop student leadership, and support experiential learning. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets.

### **1685 Television Production Applications**

*Grade Level: 11<sup>th</sup> – 12<sup>th</sup> Prerequisites: Radio Broadcasting Fundamental, Fundamentals of Broadcasting and Radio Broadcasting Presentations*

This course will provide students with the knowledge to perform, either in a live or mock setting, or a television broadcast. Areas of study include writing television news, conducting interviews, preproduction, production, and student organizations. Students will demonstrate knowledge and technical expertise in the use of television production equipment and applications. Students will utilize problem-solving techniques and participate in laboratory activities to develop an understanding of course concepts, and teachers should provide each student with real world learning opportunities and instruction related to broadcasting occupations. Safety instruction is integrated into all activities. Students are encouraged to become active members of Skills USA for additional co-curricular opportunities that. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools, and skill sets. Broadcasting Technology Specialization: Choose One

### **1687 Broadcast Management**

*Grade Level: 11<sup>th</sup> – 12<sup>th</sup> Prerequisites: Radio Broadcasting Fundamental, Fundamentals of Broadcasting and Radio Broadcasting Presentations*

Students will use knowledge gained in the course to operate a broadcast station on the air. This includes problem solving and decision making as broadcasts sometimes contain fast paced, high pressure situations. Students will learn industry standards, federal regulations and personnel requirement. They will investigate the roles of the broadcasting station in society and how to meet 5 the requirements while managing time, talent, crew and all the other aspects of a broadcasting environment.

## **BUSINESS AND MARKETING**

### **140100 Accounting Principles I**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

This course is designed to develop student understanding and skills in such areas as the basic principles, concepts and practices of the accounting cycle. Journalizing, posting and analyzing of financial statements as well as banking and payroll procedures are included. The importance of ethics and confidentiality, as well as, an introduction to careers and types of business ownership are incorporated. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization DECA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **140300 Accounting Principles II**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Accounting Principles I; "C" average*

This course is designed to develop student understanding and skills in such areas as advanced accounting procedures and techniques utilizing both manual and computer-based accounting. There is a strong emphasis on problem solving, analysis and financial decision-making. Students study the advanced principles, concepts and practices of the accounting cycle and partnerships, corporations, cost accounting, inventory and tax accounting. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization DECA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **141100 Business Computer Applications I (Microsoft IT Word and Excel)**

*Grade Level 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This course is designed to develop student understanding and skills in such areas as Microsoft Word and Microsoft Excel. This course prepares students for the Microsoft Word Office Specialist Exam and for the Microsoft Excel Office Specialist Exam. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organizations DECA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **141310 Business Computer Applications II (Microsoft IT PowerPoint and Access)**

*Grade Level 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Business Computer Applications I*

This course is designed to develop student understanding and skills in such areas as Microsoft PowerPoint and Microsoft Access. This course prepares students for the Microsoft PowerPoint Office Specialist Exam and for the Microsoft Access Office Specialist Exam. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization DECA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **143900 Business and Marketing Essentials**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This course is designed to develop student understanding and skills in such areas as business law, communication skills, customer relations, economics, emotional intelligence, financial analysis, human resources management, information management, marketing, operations, professional development and strategic management. Students acquire knowledge of fundamental business activities and factors affecting business, develop verbal and written communication skills, use information literacy skills, utilize job-seeking strategies and participate in career planning. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization DECA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **145100 Personal Finance**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Accounting Principles I*

This course is designed to develop student understanding and skills in such areas such as money management, budgeting, financial goal attainment, credit, insurance, investments and consumer rights and responsibilities. The course culminates in a personal financial literacy workshop requiring students to share their knowledge with others. This course features a variety of activities, assessments (including multiple-choice test items) and resource lists for instructional use. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are

encouraged to become active members of the student organization DECA. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

## **CARPENTRY**

\*All students taking Building Construction classes must have Medical Insurance.

### **Concentration Description**

The Carpentry concentration focuses on careers that will build a knowledge base and technical skills in all aspects of the carpentry industry. Learners will be exposed to a broad range of construction careers and foundation knowledge including basic safety, plan reading, use of tools and equipment, basic rigging, and how to employ positive work ethics in their careers. Students will have the opportunity to earn NCCER certification for each skill set mastered.

All six courses are required for ABC Certification in building construction. ABC Certification is for students interested in making a career out of construction and provides the student with a documented nationally recognized certificate from the National Center for Construction Education and Research.

### **NCCER Certification**

The Carpentry Program offers nationally recognized certification through the NCCER (National Center for Construction Education and Research) based at the University of Florida. Hampshire High School is a fully accredited NCCER training facility. The instructor is a nationally certified NCCER Master Trainer, NCCER Craft Instructor, and NCCER Performance Evaluator. In order to earn National Certification, students must complete all required Carpentry courses and electives with a minimum of 70% on written and performance evaluations.

### **182700 Fundamentals of Building Construction**

*Grade Level: 9<sup>th</sup>*

*Prerequisites: Appropriate entry math test score and interview with instructor*

### **184200 Carpentry I**

*Grade Level: 10<sup>th</sup>*

*Prerequisites: Math I passed with a C or higher; interview with instructor*

This is a one semester, 90 minute, course open to any student interested in learning more about construction. This course will cover construction safety, math, hand tools, portable power tools, stationary power tools, employability skills, rigging, construction related careers, blueprints, and general building techniques. Students will use tools to complete small projects that reinforce learned content. This is also the first of four required courses in the construction career pathway. Class is limited to a maximum of 18 students per semester.

### **184300 Carpentry II**

*Grade Level: 10<sup>th</sup>*

*Prerequisites: Carpentry I*

This is a one semester, 90 minute, course open to any student who has successfully completed Carpentry I/Core. This course will cover floor systems, wall and ceiling framing, roof framing, basic stair layout, and installation of windows and exterior doors. Students will use tools to complete small projects that reinforce learned content. This is also the second of four required courses in the construction career pathway. Class is limited to a maximum of 18 students per semester.

**Second year Carpentry consists of two, one-semester courses that introduce the student to the skills needed to construct a house or other structure from the ground up and to the basics of residential electrical wiring techniques.**

### **184400 Carpentry III**

*Grade Level: 11<sup>th</sup>*

*Prerequisites: Carpentry I and II*

This is a one semester, 90 minute, course open to any student who has successfully completed Carpentry I/Core and Carpentry II. This course will cover concrete, reinforcing materials and forms, cold formed steel framing, thermal and moisture protection, roofing applications and exterior finish. This is also the third of four required courses in the construction career pathway. Class is limited to a maximum of 18 students per semester.

### **176900 Residential Wiring**

*Grade Level: 11<sup>th</sup> Prerequisites: Carpentry I and II*

This is a one semester, 90 minute, course. This course will cover installation of residential wiring components including service boxes, outlets, switches, wall boxes, 120 and 240 volt circuits and wiring, breakers, GFCI and Arc fault breakers, thermostats and low voltage systems. This is an elective course that can be applied to the construction career pathway. Class is limited to a maximum of 18 students per semester.

### **184500 Carpentry IV**

*Grade Level: 12<sup>th</sup> Prerequisites: Carpentry I, II and III*

This is a one semester, 90 minute, course open to any student who has successfully completed Carpentry I/Core, Carpentry II, and Carpentry III. This course will cover drywall installation and finish, interior trim, doors and door hardware, and cabinet installation. This is also the fourth of four required courses in the construction career pathway. Class is limited to a maximum of 18 students per semester.

### **182900 Masonry and Plumbing**

*Grade Level: 12<sup>th</sup> Prerequisites: Carpentry I, II and III*

This is a one semester, 90 minute, course. This course will cover freshwater and wastewater plumbing systems using PVC and Copper pipe. Students will learn to prepare, assemble and install both PVC and Copper systems and fixtures. This is an elective course that can be applied to the construction pathway. Class is limited to a maximum of 18 students per semester.

## **ENGLISH**

### **400900 English 9**

*Grade Level: 9<sup>th</sup> Prerequisites: None*

This course will focus on the effective use of written language. Using traditional instruction as well as computer technology, students will enhance their language arts skills. Various works of literature will also be used to encourage an appreciation for both oral and written communication.

### **40090H Pre-AP English 9**

*Grade Level: 9<sup>th</sup> Prerequisites: See page 7 for criteria on Pre-AP classes.*

This course is an introduction to various types of literature including novels, a Greek epic and a Shakespearean play. A variety of oral and written compositions are required including a research paper.

### **401000 English 10**

*Grade Level: 10<sup>th</sup> Prerequisites: English 9*

This course is an introduction to various types of literature, including a study of short stories, nonfiction, poetry and drama. Grammar, covering sentence structure, punctuation, spelling and vocabulary, will also be covered. Writing and oral communication are integral parts of the course.

### **40100H English 10 Honors**

*Grade Level: 10<sup>th</sup> Prerequisites: See page 7 for criteria on honors classes.*

This course is an introduction to various types of literature including short stories, nonfiction, drama and poetry. The course emphasizes the study of vocabulary, the writing and revising of compositions and the research process.

### **401100 English 11**

*Grade Level: 11<sup>th</sup> Prerequisites: English 9 & 10*

This course emphasizes the study of seminal informational texts, literary nonfiction, and various literary genres. Text-

based analysis is required along with various essays and a research essay/project. Speaking skills and mastery of the conventions of Standard English are also emphasized. Independent reading is included throughout the course.

#### **40110H English 11 Honors**

*Grade Level: 11<sup>th</sup>*

*Prerequisites: See page 7 for criteria for enrolling in honors classes.*

This course will enhance fundamental literacy and communication skills as preparation for college. Through a study and appreciation of America's literary history from colonial times to the present, students will master advanced essay writing, research skills and the understanding of several novels.

#### **401200 English 12**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: English 9, 10 & 11*

This course emphasizes the study of seminal informational texts, literary nonfiction, and various literary genres. Text-based analysis is required along with various essays and a research essay/project. Speaking skills and mastery of the conventions of Standard English are also emphasized. Independent reading is included throughout the course.

#### **40420H AP English Literature and Composition (AP courses may be offered every other year depending on class sizes.)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: See page 7 for criteria for enrolling in honors classes.*

The AP English literature course is an intellectually rigorous college-level course designed for high school students. In-depth study of the short story, poetry, drama, the essay and the novel with an emphasis on writing is taught. College credit may be awarded through the AP exam given in May.

#### **40410H AP English Language (AP courses may be offered every other year depending on class sizes.)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: See page 7 for criteria for enrolling in AP classes.*

This course engages students in becoming skilled readers of prose written in a variety of periods, disciplines and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. It differs from its component course, AP Literature, in that the emphasis is on nonfiction and on discovering how the language is used to accomplish a variety of purposes. The course leads to students' sitting for the AP Language examination. If students score well, they will receive college credit.

#### **405100 Journalism**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: students must submit staff application and teacher recommendation*

This is an elective credit in the English Department. The background of the American media and the ethics of journalism will be studied. Class time will be spent writing news articles, features and editorials. The course includes school newspaper, desktop publishing, press releases, selling ads and the school public relations business. Second year students assume the roles of leaders in the class by serving as editors and mentors of first year students. In addition, the newspaper is produced in a Macintosh computer lab and transmitted, in color, to the publisher online via the internet.

#### **407100 School Yearbook**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: students must submit staff application and teacher recommendation*

This class is responsible for planning, designing, laying out and marketing the school yearbook. Students will learn graphic art techniques, layout design, journalism, photography, and business procedures. Intensive training in computers is included. Students must sell ads and assist in marketing yearbooks. The yearbook is produced completely online via the internet through Jostens yearbookavenue.com.

#### **407600 Speech/Oral Communications**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This class offers students a variety of informal and formal speaking opportunities. Beginning with impromptu and improvisational activities, students eventually present several prepared, formal speeches, e.g., informative, special occasion, persuasive. Students also study the communication process, debate, parliamentary procedure, and group dynamics. This course is recommended for many Hampshire High School programs of study. This class is an elective class offered in the English Department.

### **402200 Creative Writing I**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: 3.0 GPA in English*

Creative Writing I is a course designed to put students in touch with their creative abilities, free their expression and have fun with writing. The class is filled with exercises that will get the creative juices flowing. The class includes finding one's own voice, descriptive writing and literary devices, short stories, overcoming writer's block, and the art of telling tales.

### **402300 Creative Writing II**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Creative Writing I*

This class is a continuation of Creative Writing I. Creative Writing II is a process-oriented, interactive course. It includes a variety of writing activities with an emphasis on the novel and drama. The process of drafts, critiques and revisions will culminate in the publication of a literary collection of student work.

## **COLLEGE ENGLISH COURSES**

### **40120X College English I (ENL 101 English Composition I) (3 Semester Hours)**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: See page 7 for criteria for enrolling in college classes. Minimum acceptable test scores for placement in college-level English.*

This course is an introduction to basic composition. The major thrust is directed toward achieving competency in writing a composition. English 101 introduces students to the practice of writing with emphasis on the writing process, thesis development, context, purpose and audience. The high school course includes a sampling of English and American literature from the 17th Century to the present.

### **40122X College English II (ENL 102 English Composition II) (3 Semester Hours)**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: College English 101; See page 7 for criteria for enrolling in college classes.*

Students are exposed to additional forms of composition and are expected to demonstrate a higher level of proficiency in writing. Major emphases are the research paper, analysis, and literary forms. The students are exposed to various genres of literature including poetry, short stories, drama, and novels. This three-hour college credit class is worth a ½ high school credit.

## **FAMILY CONSUMER SCIENCE**

ALL STUDENTS TAKING PROSTART AND NUTRITION EDUCATION CLASSES MUST HAVE MEDICAL INSURANCE.

### **101300 Restaurant and Culinary Foundations (PROSTART I)**

*Grade Level: 10<sup>th</sup>-11<sup>th</sup>*

*Prerequisites: Teacher signature recommended; students who have successfully passed Nutrition and Foods will be considered for admission first.*

This course focuses on the basic preparation and service of safe food, basic introduction to industry safety standards, basic introduction to restaurant equipment, kitchen essentials in knife skills, stocks and sauces, and communication concepts in the restaurant industry. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **101400 Restaurant Management Essentials (PROSTART I)**

*Grade Level: 10<sup>th</sup>-11<sup>th</sup>*

*Prerequisites: Teacher signature recommended; students who have successfully passed Nutrition and Foods will be considered for admission first.*

This course is designed to focus management essentials in the restaurant industry, guest service, food production, and career exploration and pursuit. Students are encouraged to become active members of the student organization, Skills USA or FCCLA, a national student organization. Skills USA or FCCLA is an integral component of the program and provides curricular opportunities that enhance student achievement.

### **101900 Advanced Principles in Food Production (PROSTART II)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: PROSTART IA/IB*

This course is designed to examine advanced food production, nutrition, and cost control. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **102000 The Restaurant Professional (PROSTART II)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: PROSTART IA/IB*

This course is designed to provide content related global cuisine, sustainability, desserts and baked goods, and marketing. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **095200 Nutrition and Food Science**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

As the student will develop skills, he/she needs to make healthy food choices and to prepare nutritious and attractive foods. The goal of the nutrition and food course is to promote healthy eating and physical activity by using information from the Food Guide Pyramid, Dietary Guidelines for Americans, and food labels. Students will learn how to select, purchase, prepare and eat healthy foods. Course information presents a wide variety of topics including cultural diversity, food customs, food technology and safety of our food supply.

### **090300 Parenting and Strong Families**

*Grade Level: 11<sup>th</sup>, 12<sup>th</sup>*

*Prerequisites: None*

This course is designed to help students evaluate readiness for parenting while examining appropriate parenting and strong family practices. Students will develop an awareness of social issues affecting families and explore support systems. Students will use reasoning processes, individually and collaboratively, to take responsible action in families, workplaces, and communities.

## **FOREIGN LANGUAGE**

### **563100 German I**

*Grade Level: 9<sup>th</sup>-11<sup>th</sup>*

*Prerequisites: None*

German I will offer students the chance to learn basic, introductory language skills. Videos, music and other media will be used to teach students about German culture. Students will also explore the daily life and history of Germany through various Internet-based research activities.

### **563200 German II**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: German I*

German II is the continuation of German I which focuses on cultural and geographical aspects. Topics discussed are designed to provide insight into a typical German teen's leisure time activities, such as shopping, traveling and entertainment (movies, concerts and parties). Students will also learn about the German influences on everyday life in America.

### **56330H German III**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: German I & II*

German III is a weighted honors class. This class will focus in depth on various aspects of German/European culture such as vacation time, cars, fashion, restaurants and many more. Students will engage in hands on activities such as commercials, skits, short plays, etc. to be actively engaged in authentic cultural experiences. Furthermore, students will read a fairy tale and build a gingerbread house.

**56340H German IV/Pre-AP German (These two classes will be taught in the same class.)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: German I, II, III*

German IV is a weighted honors class. Students will learn about German speaking countries and current events, read authentic literature, listen to and discuss German music, and follow a German soap opera. AP format learning strategies will be introduced to improve speaking and writing skills.

**56390H AP German (AP courses may be offered every other year depending on class sizes.)**

*Grade Level: 12<sup>th</sup> Prerequisites: German I, II, III & IV and Pre-AP German. See page 7 for criteria for enrolling in AP classes.*

German AP is the preparation for the AP exam.

**566100 Spanish I**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

By the end of the course, students should be able to hold a basic conversation in Spanish about themselves in the present tense. This information includes describing people, traveling and extracurricular activities and hobbies. Along the way, students learn cultural facts that distinguish Spain from Mexico. They also learn about Miami, Florida, and the large Spanish-speaking population there.

**566200 Spanish II**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: Spanish I*

At this level students add to their knowledge of expressing themselves. Grammatically, the class concentrates on expressing things that have happened in the past, preterit tense. Units include: ordering in a restaurant, daily routines and traveling. The cultural lessons concentrate on the Andalusia region of Spain, Mexico and Argentina.

**56630H Spanish III**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: Spanish I and II*

This level of Spanish is tense oriented. Students add to their previous knowledge of present and preterit tense by learning present progressive, present perfect commands, imperfect, future and conditional tenses. The units of information include: describing foods, what the future will be like, and lessons about stereotypes. Culturally, the course covers Galicia (Spain), Venezuela and New York City.

**56640H Spanish IV**

*Grade Level: 12<sup>th</sup> Prerequisites: Spanish I, II and III Honors*

Spanish IV concentrates on reviewing how to express oneself in all the previously learned indicative tenses and introduces two new subjunctive tenses. The units concentrate on famous legends, the world we live in and the arts. Students will explore famous painters, writers, signers and dances. Culturally, the course covers Guadalajara (Mexico) and the beautiful Costa Rica.

**569100 American Sign Language I**

*Grade Level: 9<sup>th</sup>-11<sup>th</sup> Prerequisites: None*

This class will offer students the chance to learn basic, introductory skills in the area of American Sign Language. Students will have the opportunity to work with an instructor from the WV School for the Deaf.

**569200 American Sign Language II**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: American Sign Language I*

This class is a continuation of American Sign Language I. Students will have the opportunity to work with an instructor from the WV School for the Deaf.



# HEALTH OCCUPATIONS

## Program of Study Description:

The Therapeutic Services Program of Study allows the student to explore careers focused primarily on changing the health status of the patient over time. Health professionals in this Program of Study work directly with patients; they may provide care, treatment, counseling and health education information.

### **071100 Foundations of Health Science**

*Grade Level: 10<sup>th</sup>, 11<sup>th</sup>*

*Prerequisites: Completion of application (attendance and discipline from previous year will be considered) and interview with instructor; **preference will be given to sophomores**. Upperclass students must take Foundations and Advanced Principles together and agree to take Clinical I and II during their senior year.*

This course is designed to allow instructional content to focus on basic medical terminology, growth and development, nutrition, health maintenance practices and healthcare delivery systems. It is designed to provide the student with knowledge and technical skills required for infection control and the prevention of disease transmission, CPR and First Aid. Students will be provided with the opportunity to acquire certification in these areas. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Students will be provided with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals.

### **071500 Advanced Principles of Health Science**

*Grade Level: 11<sup>th</sup>*

*Prerequisites: Completion of application(attendance and discipline from previous year will be considered), Pre-test, interview with instructor and completion of Foundations of Health Science with a 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. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Students will be provided with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals.

### **078900 Clinical Specialty I**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: Foundations of Health Science and Advanced Principles of Health Science with a B or better. Application, Pre-Test, Drug Screen, Interview with instructor (Attendance and discipline from previous year will be evaluated)*

This course is a part of WVDE Simulated Workplace Program.

This course is designed to allow the student to choose a career work-based experience from the following specializations:

#### **Select 1:**

Advanced Health Seminar, Nursing Assistant, ECG Technician, Electronic Health Record Specialist, Patient Care Technician, Phlebotomy Technician, Community Emergency Response Team, Dental Aide, Direct Care Worker, Family Caregiver, Physical Therapy Aide, Pre-Pharmacy Technician, Radiology Aide and Veterinary Science Aide.

Upon successful completion of the prerequisite courses in the Health Science Education Program of Study, students will be provided the opportunity in Clinical Specialty I to participate in a work-based clinical experience. Students choose a health career specialty for in-depth study and must complete a minimum of 25-55 hours in an applicable clinical rotation. Instruction is guided by career-specific Content skill sets that must be mastered before students are eligible to attain established credentials and/or industry validation. Within this course, students focus upon employability skills and career development, and apply healthcare information technology and technical skills. Instruction will incorporate project and problem-based healthcare practices and procedures to demonstrate the criticality of these skills. Due to healthcare industry standards, exemplary attendance is mandatory. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals.

### **079000 Clinical Specialty II**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: Foundations of Health Science and Advanced Principles of Health Science with a B or better. Application, Pre-Test, Drug Screen, Interview with instructor*

*(Attendance and discipline from previous year will be evaluated) This course is a part of WVDE Simulated Workplace Program.*

This course is designed to allow the student to choose a career work-based experience from the following specializations:

#### **Select 1:**

This course is designed to allow the student to choose a career work-based experience from the following specializations: Advanced Health Seminar, Electronic Health Record Specialist, Nursing Assistant, ECG Technician, Patient Care Technician, Phlebotomy Technician, Community Emergency Response Team, Dental Aide, Direct Care Worker, Family Caregiver, Physical Therapy Aide, Pre-Pharmacy Technician, Radiology Aide and Veterinary Science Aide.

Upon successful completion of the prerequisite courses in the Health Science Education Program of Study, students will be provided the opportunity in Clinical Specialty II to participate in a work-based clinical experience. Students choose a health career specialty for in-depth study and must complete a minimum of 25-55 hours in an applicable clinical rotation. Instruction is guided by career-specific Content skill sets that must be mastered before students are eligible to attain established credentials and/or industry validation. Within this course, students focus upon employability skills and career development, and apply healthcare information technology and technical skills. Instruction will incorporate project and problem-based healthcare practices and procedures to demonstrate the criticality of these skills. Due to healthcare industry standards, exemplary attendance is mandatory. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals.

### **07210X Medical Terminology**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

Through the study of medical terminology, the student will be introduced to the language of medicine. Students will gain an understanding of basic elements, rules of building and analyzing medical words, and medical terms associated with the human body utilizing a systems approach. Students will be provided with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization HOSA-Future Health Professionals.

## **HEALTH/PHYSICAL EDUCATION**

**\*ALL STUDENTS TAKING PHYSICAL EDUCATION/TEAM SPORTS/FITNESS AND CONDITIONING AND WEIGHT TRAINING CLASSES MUST HAVE MEDICAL INSURANCE.**

### **660900 Physical Education**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This course is for students needing to fulfill their one credit graduation requirement. The objective of this course is for students to identify the five components of physical fitness, recognize skills/activities that will enhance each component and to improve current physical fitness results. Participation in a variety of sports/activities will assist the students in attaining his/her individual fitness goals. Participation in the Fitness Gram is required. This course CANNOT be repeated as an elective.

### **690900 Health**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This course is for students needing to fulfill their one credit graduation requirement. The objective of this course is to provide students with knowledge that will help them grow and develop personally and socially to be healthy, productive individuals in society. Course units include: The Individual, Mental Health, Family Structure, Friendships and Dating, Marriage and Parenthood, The Life Cycle, Puberty and Adolescence, Adulthood, Skeletal System, Fitness and Your Health, Tobacco, Alcohol and Illegal Drugs, Family Planning, Reproduction, Development and Pregnancy, First Aid, STD's, and AIDS.

### **675700 Team Sports**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: A or B in Physical Education*

This course provides students with the opportunities to acquire the knowledge of strategies team sports play, develop skills in selected team sports and maintain and/or improve their personal fitness. The content will include, but not be limited to: knowledge and application of skills, techniques, strategies, rules and safety practices necessary to participate in aerobic, flexibility and core strengthening activities, which can and should be used for a lifetime.

### **676500 Weight Training**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: A or B in Physical Education*

This class concentrates on weight training and conditioning. The students will lift on Monday, Wednesday and Friday and will do various conditioning exercises on Tuesday and Thursday. This course is recommended for students with a sincere commitment to fitness and well-being. Weight Training is an elective class and cannot be substituted for the one year required Physical Education credit.

### **681100 Driver Education**

*Grade Level: 11th-12th*

*Prerequisites: None*

Students must be sixteen (16) years of age or older with a driver's license or learner's permit on/or before the end of the semester in which they are enrolled. If the student will not be sixteen before the end of the semester, he /she must have a 15-years-old learner's permit to be in the class when the semester begins.

## **INFORMATION MANAGEMENT**

### **143110/143120 Digital Imaging/Multimedia I**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This course is designed to develop student knowledge and skills in such areas as producing images, operating a digital camera, using imaging software, using drawing software, creating simple animations and manipulating video images. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **143200 Digital Imaging/Multimedia II**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Digital Imaging/Multimedia I*

This course is designed to develop student understanding and skills in such areas as imaging, drawing, animation and video software which will be used to create advanced projects. These projects will involve advanced tools and

techniques of each discipline. Students utilize problem solving techniques and participate in hands on activities to develop an understanding of course concepts.

### **145500 Web Page Publishing**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

This course is designed to develop student understanding and skills in such areas as Web page design including 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 codes (markup languages). Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

### **142900 Desktop Publishing**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

This course is designed to develop student understanding and skills in such areas as journalistic principles in design and layout of print and Web publications including integration of text and graphics and use of sophisticated hardware and software to develop and create quality materials for business-related tasks. Students will analyze the information and the audience and combine appropriate text, graphics and design to communicate the desired message effectively. Planning and design principles are used to analyze and organize information, set up a design structure and to select or create appropriate visuals. Instructional strategies may include computer/technology applications, teacher demonstrations, collaborative instruction, interdisciplinary and/or culminating projects, problem-solving and critical thinking activities, simulations and project-based learning activities. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and skill sets.

## **LAW AND PUBLIC SAFETY**

### **122500 Fundamentals of Public Safety Leadership**

*Grade Level: 10<sup>th</sup>-11<sup>th</sup> Prerequisites: None*

This course is designed to present foundational principles of Public Safety Leadership including: how public safety leaders protect a democratic society; public policy issues such as crime and justice; history, organization and functions of components of public safety including the criminal justice system; and the issues and challenges relating to the administration of justice in a culturally diverse society. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **122600 Ethical Practices of Public Safety Leadership**

*Grade Level: 10<sup>th</sup>-11<sup>th</sup> Prerequisites: None*

This course is designed to examine the philosophical issues and applications of the objectives and processes of Public Safety Leadership including; Constitutional limitations; accountability, civil liability, criminal investigation; criminal procedure; and forensics. By examining societal and psychological stressors that contribute to behavior, students will examine a variety of eight serious offenses and apply concepts of profiling, behavioral analysis and threat assessment within an ethical paradigm. Students will analyze and critique the system of dealing with convicted persons and the long term implications of corrections policy. The principles and procedures used in criminal investigation will be introduced. Procedures for implementing criminal law such as search and seizure, warrant requirements, arrest, the right to counsel, interrogation, identification procedures, entrapment, cruel and unusual punishment, etc., will be discussed. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **103900 Practical Applications of Public Safety**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Fundamentals of Public Safety Leadership and Ethical Practices of Public Safety Leadership*

This course is designed to give students the opportunity to connect theory and practice by studying higher level law professions. Students will study various requirements for employability in the Public Safety field including ethics, teamwork, and professionalism. Students may participate in activities associated with Public Safety agencies. Preparation includes construction of a portfolio that can be utilized in obtaining employment upon completion of the student's program. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

### **103500 Seminar in Law Enforcement**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Fundamentals of Public Safety Leadership and Ethical Practices of Public Safety Leadership*

This course is designed to provide students with fundamental principles of the laws enforcement field such as the history of policing in the US, the characteristics of law enforcement agencies and types of police activities including criminal investigation. Current issues and trends in law enforcement will be investigated. Aspects of criminal investigation such as evidence collection, interviewing and report writing will be presented. Students utilize problem solving techniques and participate in hands-on activities to develop an understanding of course concepts.

## **MATH**

\*THE HHS MATH DEPARTMENT ENCOURAGES ALL STUDENTS TO CONTINUE THEIR MATH STUDIES AS FAR AS POSSIBLE. MANY COLLEGE AND CAREER PATHS REQUIRE ADVANCED MATHEMATICS. ALL STUDENTS SHOULD TAKE A MATH COURSE DURING THEIR SENIOR YEAR TO CONTINUE THEIR COLLEGE OR CAREER PREPARATION.

### **306100 Algebra I**

*Grade Level: 9<sup>th</sup>*

*Prerequisites: None*

Students in this course will focus on five critical units that deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Mathematical habits of mind, which should be integrated in these content areas, include: making sense of problems and persevering in solving them, reasoning abstractly and quantitatively; constructing viable arguments and critiquing the reasoning of others; modeling with mathematics; using appropriate tools strategically; attending to precision, looking for and making use of structure; and looking for and expressing regularity in repeated reasoning. Students will continue developing mathematical proficiency in a developmentally-appropriate progressions of standards.

### **306000 Algebra I Lab**

*Grade Level: 9<sup>th</sup>*

*Prerequisites: Must be taken concurrently with Math I on a recommendation from 8<sup>th</sup> grade instructors*

Math I Lab is a supplemental course. It is designed to support students who may have difficulty in Algebra 1 based on prior math achievement. This class counts as one of the 4 math credits needed for high school graduation. However, it will not be accepted for entry into most colleges.

### **30610H Algebra I Honors**

*Grade Level: 9<sup>th</sup>*

*Prerequisites: Permission from 8<sup>th</sup> grade math instructor; See page 7 for criteria for enrolling in Pre-AP classes*

Algebra I Honors moves at a faster pace and goes into greater depth than Algebra I

### **306200 Geometry**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Math I*

Students in this course will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Important differences exist between this Geometry course and the historical approach taken in Geometry classes. For example, transformations are emphasized early in this course. Mathematical habits of mind, which should be integrated in these content areas, include: making sense of problems and persevering in solving them, reasoning abstractly and quantitatively; constructing viable arguments and critiquing the reasoning of others; modeling with mathematics; using appropriate tools strategically; attending to precision, looking for and making use of structure; and looking for and expressing regularity in repeated reasoning. Students will continue developing mathematical proficiency in a developmentally-appropriate progressions of standards.

### **30620H Geometry Honors**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Math I Honors OR Instructor permission*

Geometry Honors moves at a faster pace and goes into greater depth than Geometry.

### **306300 Algebra II**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Math I & Math II*

Students in this course will build on their work with linear, quadratic, and exponential functions and extend their repertoire of functions to include polynomial, rational, and radical functions. (In this course rational functions are limited to those whose numerators are of degree at most 1 and denominators of degree at most 2; radical functions are limited to square roots or cube roots of at most quadratic polynomials.) Students will work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Students will continue developing mathematical proficiency in a developmentally-appropriate progressions of standards. Mathematical habits of mind, which should be integrated in these content areas, include: making sense of problems and persevering in solving them, reasoning abstractly and quantitatively; constructing viable arguments and critiquing the reasoning of others; modeling with mathematics; using appropriate tools strategically; attending to precision, looking for and making use of structure; and looking for and expressing regularity in repeated reasoning.

### **30630H Algebra II Honors**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Math II Honors OR Instructor Permission; See page 7 for criteria for enrolling in honors classes.*

Algebra II Honors moves at a faster pace and goes into greater depth than Algebra II.

### **30311H/30312H AP Calculus (AP courses may be offered every other year depending on class sizes.)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Math IV OR concurrent enrollment in Math IV OR instructor permission. See page 7 for criteria for enrolling in AP classes.*

This is a college level course that unites concepts from previous high school math courses. The focus is on the mathematics of changing quantities. Use of graphing technology is emphasized. College credit is available through the AP exam given in May. Students are strongly encouraged to take Math IV and AP Calculus in the same year when possible.

### **30330H AP Statistics (AP courses may be offered every other year depending on class sizes.)**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Math II. See page 7 for criteria for enrolling in AP classes.*

Charts, graphs, data, polls, and marketing claims are part of everyday life. The ability to sort out what is valid and meaningful from what is not allows us to make good decisions. AP Statistics introduces the major concepts and tools for collecting, analyzing and drawing conclusions from data. College credit is available through the AP exam given in May.

### **30250H Mathematical Modeling**

*Grade Level: 11<sup>th</sup> or 12<sup>th</sup> Prerequisites: Math I, II, and III. See page 7 for criteria for enrolling in honors classes.*

Mathematical Modeling is a course focused on practical applications of mathematics. Topics include finance, interpreting statistical information, using data and probability in decision making, using technology to model problems, and communicating with mathematics. Mathematical Modeling is an honors course.

### **301800 Math IV**

*Grade Level: 11<sup>th</sup> or 12<sup>th</sup> Prerequisites: Math III. (Math III may be taken concurrently with instructor permission.)*

Math IV continues building on concepts begun in previous math courses. Students examine the complex number system, explore functions more fully, extend Trigonometry concepts, and introduce the idea of limiting behavior. Students intending to pursue any STEM related field are encouraged to take either Math IV or Math IV Honors.

### **30180H Math IV Honors**

*Grade Level: 11<sup>th</sup> or 12<sup>th</sup> Prerequisites: Math III STEM. See page 7 for criteria for enrolling in honors classes. (Math III may be taken concurrently with instructor permission.)*

Math IV continues building on concepts begun in previous math courses. Students examine the complex number system, explore functions more fully, extend Trigonometry concepts, and introduce the idea of limiting behavior. Students intending to pursue any STEM related field are encouraged to take either Math IV or Math IV Honors may be taken concurrently with AP Calculus.) Math IV Honors moves at a faster pace, goes into greater depth and includes additional topics not covered in Math IV.

## **MATH COLLEGE COURSES**

### **30610X College Algebra (MTH 135 College Algebra) (3 Semester Hours)**

*Grade Level: 12<sup>th</sup> Prerequisite: Minimum acceptable test scores for placement in college-level math (Math ACT score 23 or higher; SAT math score 540 or higher; or Accuplacer 109 or higher).*

College Algebra covers the following topics: systems of equations, theory and application of matrices, theory of equations and inequalities, complex numbers, graphs of relations and functions, theory and application of exponential and logarithmic functions, and mathematical modeling of data.

## **PERFORMING ARTS**

### **362000 Chorus**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

This class is an open performing group of mixed voices with no limitation on size. The class will study proper vocal technique, theory, and perform a wide variety of music. There will be required performances. This is also a good training ground for those wishing to try out for Harmony.

### **376600 Vocal Ensemble (Harmony Show Choir)**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: Audition and teacher approval.*

An auditioned honors singing group in which members take leadership roles. The group performs for many community events and attends show choir festivals. Ensemble and solo singing will be studied along with proper vocal technique and theory. Repertoire may include jazz, show, concert and other music literature. After school rehearsals and performances will be required. All members must also take either Chorus or Band.

### **370600 Band-Concert and Marching**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: Middle school band experience.*

This is a marching and concert band that emphasizes performance (on traditional band instruments such as woodwind,

brass and percussion), marching, and concert and ensemble media. Students will learn basic field show design, marching fundamentals, traditional concert band music and perform in various ensembles. Activities will include performances at football games, field show competitions, parades, school concerts, solo and ensemble festivals; state/regional/national honors band festivals and yearly field trips. Students will be given large group, small group and individualized instruction. Summer practice, performances outside the school day and after school practices are a required part of this class.

### **374100 Jazz Instrumental Ensemble**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Instructor approval and be a member of the concert/marching band.*

This is a traditional style big band that will explore the various styles of jazz, i.e. swing, bebop, Latin and some rock forms.

### **375200 Color Guard**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: Audition*

Students interested in Flag Corps must try out for this class. Information will be provided to students concerning practices and tryouts by the Band Director.

### **372600 Guitar**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

This is a class for beginning guitar students only. Students will use school owned guitars in class. Reading music, basic chords as well as strum and pick patterns, are taught.

### **375600 Music Theory**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Piano keyboard knowledge useful. Ability to read treble or bass clef basic notation required.*

This course covers the melodic and harmonic elements commonly used by composers and how these materials are constructed. Areas of study include notation, counting, meters, intervals, choral structure and keyboard harmony, transposition and fundamental instrumental arranging and scoring. Students will write four part arrangements and learn to score these original compositions for various ensembles. Rhythmic and harmonic ear training will also be practiced. Students will have the opportunity to study career exploration in the music industry.

### **374600 Music Appreciation/History**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

This course takes students through the history of musical development. Students will understand the relationship between music and culture as well as explore music from around the world. Listening to and analyzing music will be a major component to the class. The students will develop skills in reading and understanding music notation and explore the expressions and organization of musical ideas.

### **380100 Theater I**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

Students will analyze play texts, identify contemporary styles of theater/drama and depict characters in them. They will identify basic properties of technical theater and demonstrate technical knowledge and skills. They will explore multiple interpretations for production ideas and study a variety of cultures and historical periods related to theater.

### **380200 Theater II**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup> Prerequisites: Theater I*

Students will improvise, perform and evaluate theater productions, identify and demonstrate selected historical style of theater/drama and perform contemporary and classical characters' parts. Students will apply basic properties of technical theater and apply that knowledge and skill. They will develop multiple interpretations for productions choices and analyze and critique dramatic performances.

### **380300 Theater III**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup> Prerequisites: Theater I and II*

Students will refine scripts based on personal experience, literature and history. They will act, design and coordinate the



technical aspects of informal and formal productions. They will organize and conduct rehearsals, direct productions and analyze the role of theater, film, television and electronic media.

### **380400 Theater IV**

*Grade Level: 12<sup>th</sup> Prerequisites: Theater I, II and III*

Students will continue improvising and refining scripts. They will develop and sustain characters in improvisations, design and produce, direct and conduct rehearsals.

### **368100 Beginner Piano**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisites: None*

Level I piano standards are written for students beginning the basic study of the piano. Typically, these students have never studied an instrument or have had minimal musical training. Students learn correct wrist, hand, and body positions in playing major scales, block and broken chord patterns, cadences using I, IV, and V chords, and simple pieces. Students accompany simple melodies with broken chords. Sight-reading in treble and bass clefs are practiced and self-evaluation skills are developed.

### **373100 Individual Technique in Music**

*Grade Level: 9<sup>th</sup>-12<sup>th</sup> Prerequisite: None*

## **SCIENCE**

### **626100 Earth & Space Science**

*Grade Level: 9<sup>th</sup> Prerequisites: None*

The ninth grade Earth and Space Science (ESS) course builds upon science concepts from middle school by revealing the complexity of Earth's interacting systems, evaluating and using current data to explain Earth's place in the universe and enabling students to relate Earth Science to many aspect of human society. Disciplinary core ideas, science and engineering practices, and crosscutting concepts are intertwined as students focus on five ESS content topics: Space Systems, History of Earth, Earth's Systems, Weather and Climate, and Human Sustainability. The objectives strongly reflect the many societally relevant aspects of ESS (resources, hazards, environmental impacts) with an emphasis on using engineering and technology concepts to design solutions to challenges facing human society. Engineering, Technology, and the Application of Science objectives are integrated throughout instruction as students define problems and design solutions related to the course objectives. There is a focus on several scientific practices, which include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, constructing explanations and designing solutions. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms and models.

### **62610H Pre-AP Earth & Space Science**

*Grade Level: 9<sup>th</sup> Prerequisites: None; See page 7 for criteria for enrolling in Pre-AP classes.*

See Earth & Space Science description. Must meet Pre-AP requirements and be prepared to work at an accelerated pace with a more rigorous, in depth, content study.

### **602100 Biology I**

*Grade Level: 10<sup>th</sup> Prerequisites: None*

The tenth grade Biology content provides more in-depth studies of the living world and enables students to make sense of emerging research findings and apply those understandings to solving problems. Disciplinary core ideas, science and engineering practices, and crosscutting concepts are intertwined as students focus on five life science topics: Structure and Function, Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems, Interdependent Relationships in Ecosystems, and Natural Selection and Evolution. Engineering, Technology, and the Application of Science objectives are integrated throughout instruction as students define problems and design solutions related to the

course objectives. There is a focus on several scientific practices which include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, constructing explanations and designing solutions. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms and models.

### **60210H Biology I Honors**

*Grade Level: 10th*

*Prerequisites: None. See page 7 for criteria for enrolling in honors classes.*

See Biology description. Must meet honors requirements and be prepared to work at an accelerated pace with a more rigorous, in depth content study.

### **603100 Chemistry**

*Grade Level: 11th-12th*

*Prerequisites: Biology I; Math I or equivalent course*

Chemistry is an advanced elective course designed for students pursuing Science Technology Engineering Mathematics (STEM) education and careers. Students will develop a deeper understanding of the core concepts of: Structure and Properties of Matter and Chemical Reactions as they prepare for college chemistry requiring a strong mathematical foundation. The chemistry course prepares high school students to explain more in-depth phenomena central not only to the physical sciences, but to life and earth and space sciences as well. The chemistry objectives blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. There is a focus on several scientific practices which include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. Students will use these practices to demonstrate understanding of the core ideas as well as demonstrate understanding of several engineering practices, including design and evaluation. Students will engage in active inquiries, investigations and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms and models.

### **604100 Physics**

*Grade Level: 11th-12th*

*Prerequisites: Math I & II*

Physics is an advanced elective course designed for students pursuing Science Technology Engineering Mathematics (STEM) education and careers. The course emphasizes a mathematical approach to the topics of Forces and Interactions; Energy, and Waves and Electromagnetic Radiation and prepares student for college physics. The physics course prepares high school students to explain more in-depth phenomena central not only to the physical sciences, but to life and earth and space sciences, as well. These objectives blend the core ideas with scientific and engineering practices and crosscutting concepts to support students in developing useable knowledge to explain ideas across the science disciplines. There is a focus on several scientific practices which include developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations. Students will use these practices to demonstrate understanding of the core ideas as well as demonstrate understanding of several engineering practices, including design and evaluation. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms and models.

### **631200 Environmental Science**

*Grade Level: 11th-12th*

*Prerequisites: Earth & Space Science; Biology*

Environmental Science is an advanced, high school elective course, which builds on foundational knowledge of the chemical, physical, biological, geological processes and focuses on the natural world. Through an inquiry-based program of study, all students will demonstrate environmental literacy as they explore the economic, social, political, and ecological interdependence in urban and rural areas and on local and global scales. As students fuse experiences across disciplines, they will acquire knowledge, values, and skills needed to protect and improve the environment. There is a focus on several crosscutting concepts including the following: Cause and Effect, Systems and System Models, Energy

and Matter, and Stability and Change. Science practices and Engineering, Technology, and the Application of Science objectives are integrated as students ask questions and define problems, develop and use models, plan and conduct investigations, analyze and interpret data, and construct explanations and design solutions. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms and models.

#### **604400 Forensic Science**

*Grade Level: 11th-12th Prerequisites: Biology; Math I and II*

Forensic Science is an advanced, high school elective course designed to provide students with hands-on experiences in various aspects of a criminal investigation. Science content and Engineering, Technology, and the Application of Science objectives are integrated as students ask questions and define problems, develop and use models, plan and conduct investigations, analyze and interpret data, construct explanations and design solutions as they consider crime scenes, evidence and protocol. As students demonstrate proficiency in evidence collection—maintenance of data integrity, formulation of a conclusion/summary, and succinct communication of findings—they prepare for forensic-related careers and other occupational opportunities in science, technology, engineering, and math. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms and models.

#### **61030H Human Anatomy and Physiology Honors (Elective)**

*Grade Level: 11th-12th Prerequisites: Biology; See page 7 for criteria for enrolling in honors classes.*

Human Anatomy and Physiology is an advanced, high school elective course designed for those students wanting a deeper understanding of the structures and functions of the human body. The body will be viewed as a whole using anatomical terminology necessary to describe location. Instruction will be at both micro and macro levels reviewing cellular functions, biochemical processes, tissue interactions, organ systems and the interaction of those systems as it relates to the human organism. Systems covered include integumentary, skeletal, muscular, respiratory, circulatory, digestive, excretory, reproductive immunological, nervous and endocrine. Content standards are integrated with Engineering, Technology, and the Application of Science objectives as students develop conceptual understandings and research and laboratory skills, evaluate the academic requirements, and prepare for occupational opportunities in health and medical fields. Students will engage in active inquiries, investigations, and hands-on activities as they develop and demonstrate conceptual understandings and research and laboratory skills described in the objectives. Safety instruction is integrated in all activities, and students will implement safe procedures and practices when manipulating equipment, materials, organisms, and models.

#### **61210H AP Biology**

*Grade Level: 11th-12th Prerequisites: Biology I and completed or enrolled in Chemistry I. See page 7 for criteria for enrolling in AP courses.*

Advanced Placement Sciences are college level classes that can sometimes give the student college credit. Students should have successfully completed or are enrolled in Chemistry I before taking AP Biology. Topics covered include molecules and cells, genetics and evolution, and organisms and populations.

#### **61220H AP Biology Lab**

*Grade Level: 11th-12th Prerequisites: See AP Biology (Must be enrolled in both lecture and lab concurrently.) See page 7 for criteria for enrolling in AP classes.*

This is a laboratory course in which students are expected to use collected data to solve biological problems. Students will be involved in hands-on activities everyday—whether it is one of the thirteen pre-approved labs or simple discovery activities—the class will be centralized around inquiry-based activities. Written lab records will be kept in a composition notebook for every lab throughout the year. Formal lab reports are required for each of the recommended 13 Inquiry-Based AP Biology Labs. Students work in pairs to complete lab procedures, but are responsible for turning in individual lab reports.

## COLLEGE SCIENCE COURSES

### 60210X College Biology I (BIO 101 General Biology I Lecture) (3 Semester Hours)

Grade Level: 12<sup>th</sup>

Prerequisites: Minimum acceptable test scores for placement in college-level classes. See page 7 for criteria for enrolling in college classes.

This course will introduce concepts of cell structures, function, and reproduction. Common biochemical phenomena, particularly the metabolic processes of photosynthesis and cellular respiration will be surveyed by the course. A description of the form and the function of DNA will be related to mechanisms of inheritance. This 3-hour college credit class is worth ½ high school credit.

### 60211X College Biology I Lab (BIO 101L General Biology I Lab) (1 Semester Hour)

Grade Level: 12<sup>th</sup>

Prerequisite: Enrollment in General Biology I Lecture

Lab Section: 2 hours laboratory work each week. Required lab section for BIO 101. This lab provides the application and demonstration of the concepts presented in BIO 101 lecture.

### 60230X College Biology II (BIO 102 General Biology II Lecture) (3 Semester Hours)

Grade Level: 12<sup>th</sup>

Prerequisite: General Biology I; Minimum acceptable test scores for placement in college-level classes. See page 7 for criteria for enrolling in college classes.

This course will introduce and explore the basic principles of ecology. An overview and comparison of vertebrate organ systems will be presented. The course will also survey the taxonomy and organization of the plant and animal kingdoms. This 3-hour college credit class is worth ½ high school credit.

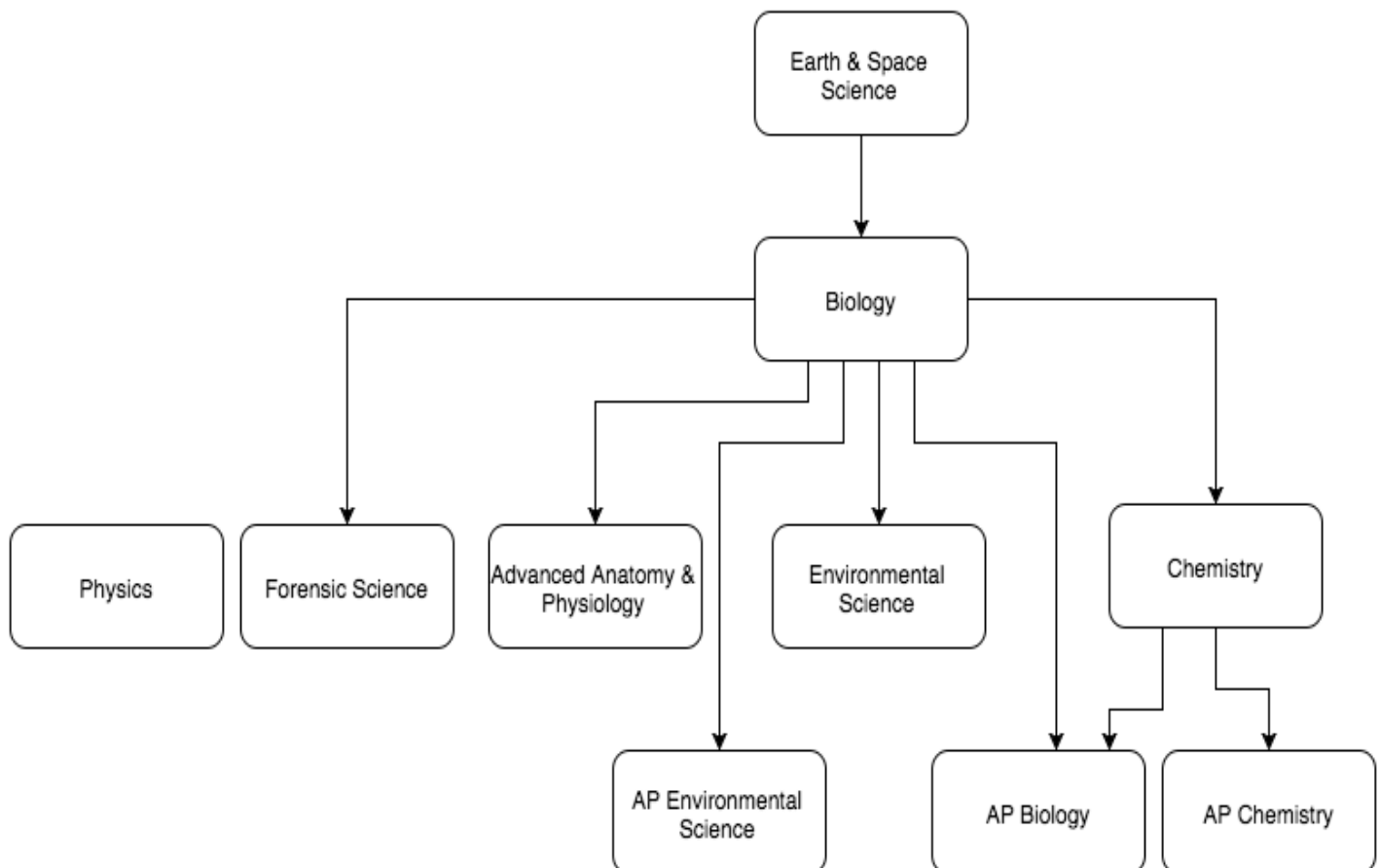
### 60232X College Biology II Lab (BIO 102L General Biology II Lab) (1 Semester Hour)

Grade Level: 12<sup>th</sup>

Prerequisite: Enrollment in General Biology II Lecture

Required lab section for BIO 102. This lab provides the application and demonstration of the concepts presented in BIO 102 lecture.

The graph on the following page shows the prerequisites required for various science classes.



# **SOCIAL STUDIES**

## **701000 World Studies**

*Grade Level: 9<sup>th</sup>*

*Prerequisites: None*

World Studies will identify and evaluate the interaction of early humans with their environment. The course will analyze the rise and fall of early civilizations. It will identify, compare and evaluate the political, economic and cultural contributions of significant world societies. The course will explain the basic philosophies of major world religions and trace human history from prehistoric time to the 1600's. It will include wars, religions, feudal rule, religious rule, kings-queens-emperors and other types of rule as man progresses from prehistoric to modern day.

## **701000H Pre-AP World Studies**

*Grade Level: 9<sup>th</sup>*

*Prerequisites: See page 7 for criteria for enrolling in Pre-AP classes.*

This study of the world emphasizes the historic, economic, geographic, political and social structure of various cultural regions of the world from the dawn of civilizations. Special attention is given to the evolution of societies into complex political and economic systems. More emphasis is placed on the Mediterranean, Western European, Middle and Far Eastern areas of the world. Major religions of the world are studied along with geography and map skills. Critical thinking skills and essay writing are practiced. Group projects are required each marking period. Students will use simulation software to practice and master learning objectives.

## **700900 US Studies to 1900**

*Grade Level: 10<sup>th</sup>*

*Prerequisites: World Studies*

US Studies to 1900 includes history from pre-Columbian civilizations to World War I. Emphasis is placed on United States geography and the evolution of the Constitution in a participatory democracy.

## **700900H US Studies to 1900 Honors**

*Grade Level: 10<sup>th</sup>*

*Prerequisites: World Studies. See page 7 for criteria for enrolling in honors classes.*

This course includes history from pre-Columbian civilizations to World War I. Special emphasis is placed on analyzing and identifying the philosophies and impact of the major documents of our United States government system.

## **701100 Contemporary Studies**

*Grade Level: 11<sup>th</sup>*

*Prerequisites: World Studies and US Studies to 1900*

This course will introduce the students to the impact of the United States foreign policy on different world regions. The course will take an in depth look at United States development economically, socially and politically. It will identify and analyze the causes and consequences of world conflicts; WWI, WWII, Korea, Vietnam and the Gulf War. It will critique the United States' Immigration policies and the effect these policies have had on the American societies. Labor movements and development will be studied along with an in depth look at civil rights, economic and social reforms. The Civil Rights movement, the Holocaust and other ethnic cleansing attempts will be considered along with the Red Scare of Communism and the Nuclear Age. It will close with a look at the end of the Cold War and current developments in the Global World of today.

## **701100H Contemporary Studies Honors**

*Grade Level: 11<sup>th</sup>*

*Prerequisites: World Studies and US Studies to 1900. See page 7 for criteria for enrolling in honors classes.*

This course includes history from 1900 through the present. See the in depth description directly above at 7011 20<sup>th</sup>-21<sup>st</sup> Century course. Critical thinking skills and essays are practiced. Students are assigned special projects.

**703100 Civics/Government**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: None*

Responsible participatory citizenship, an understanding of the workings of our government and sound financial literacy are essential to the preservation and improvement of American constitutional democracy. Students rely on knowledge attained and skills developed in their previous courses of United States and World Studies as a foundation for the Civics/Government course. In this course, students develop the knowledge, skills and dispositions to engage in civic life, financial literacy, politics and government and analyze the personal, political and economic roles of responsible citizens in American democracy. Students explain and give examples of the traits of public character of informed, effective and responsible citizens and demonstrate through explanation and example how responsible citizens interact, monitor and influence public policy.

**70320H Civics/Government Honors**

*Grade Level: 12<sup>th</sup>*

*Prerequisites: See page 7 for criteria for enrolling in honors classes.*

See the in-depth description directly above at 7031 Civics/Government. Honors Civics is faster paced and more rigorous than non-honors Civics.

**703200 Economics**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This is the study of economic theories and terminology, as well as practical economics, such as budgeting and investing. It is recommended for college bound students since many college majors require courses in economics.

**703300 Geography**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This is a study of the physical characteristics and location of countries and how these characteristics have affected the population, economy and government of various regions.

**732110/732120 Psychology – Principles in Practice**

*Grade Level: 11<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: Biology*

This course is designed to introduce students to the vast and diverse field of psychology. Students will learn the concepts, principles and theories that constitute the core of the study of psychology.

**734110/734120 Sociology – The Study of Human Relationships**

*Grade Level: 10<sup>th</sup>-12<sup>th</sup>*

*Prerequisites: None*

This course studies the concepts, principles and methods central to the scientific study of sociology. These social studies courses are for elective credit only.

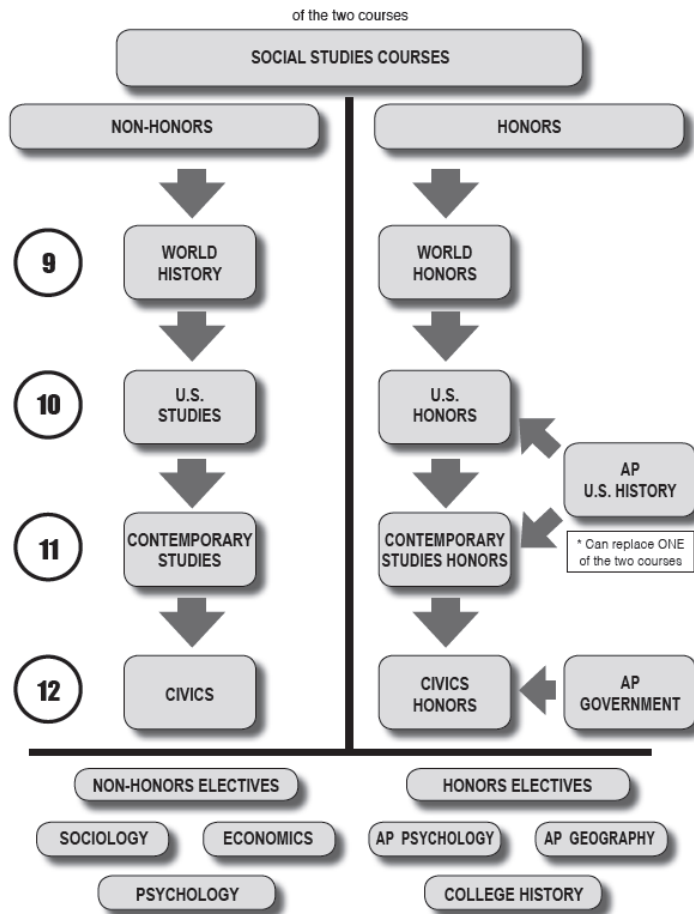
## COLLEGE SOCIAL STUDIES COURSES

### 732110X College Psychology (PSY 200 General Psychology) (3 Semester Hours)

Grade Level: 12<sup>th</sup>

Prerequisites: See Page 7 for criteria for enrolling in college classes.

Introduces the principles and methods of the scientific study of human behavior. This 3-hour college credit class is worth ½ high school credit.



## MISCELLANEOUS

### 780710/780720 Internship

Grade Level: 12<sup>th</sup>

Prerequisites: Instructor approval

The student must complete an application for internship. The student should be placed in a teacher's class that is similar to the student's career area. The grade for this class does not count toward a student's GPA.