

PORTLAND HIGH SCHOOL



**Registration Catalog
2016-17**

PORTLAND HIGH SCHOOL

School Administration

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Principal: David Woods

Assistant Principals:

Allen Dyer (Students' last name A-F)

Alva Hall (Students' last name G-N)

Robin Venable (Students' last name O-Z)

Counselors:

Myra Helmtoller (Students' last name A-F)

Dana Kennedy (Students' last name G-N)

Kim Meadows (Students' last name O-Z)

STUDENTS AND PARENTS: Please take time to review the material in this booklet before registration begins. If you have questions about this material, please contact your counselor or administrator listed above.

GRADUATION REQUIREMENTS/DIPLOMAS

As established by the Tennessee State Board of Education and the Sumner County Board of Education and with regard to graduation requirements, a diploma will be awarded as described below:

Graduation Requirements

(a) High School Diploma and Special Education Diploma.

1. A high school diploma will be awarded to students who: (1) earn the specified 26 units of credit and (2) have satisfactory records of attendance and conduct for eight terms. A high school diploma may also be awarded to students who qualify under the “Move on When Ready” law. See Exhibit A1.
2. A special education diploma may be awarded at the end of their fourth year of high school to students with disabilities who have (1) not met the requirements for a high school diploma, (2) have satisfactorily completed an individualized education program, and (3) have satisfactory records of attendance and conduct. Students who obtain the special education diploma may continue to work towards the high school diploma through the end of the school year in which they turn twenty-two years old.
3. An occupational diploma may be awarded at the end of their fourth year of high school to students with disabilities who: (i) Have not met the requirements for a high school diploma; (ii) Have satisfactorily completed an individualized education program; (iii) Have satisfactory records of attendance and conduct; and (iv) Have completed the occupational diploma Skills, Knowledge, and Experience Mastery Assessment (SKEMA) created by the Department of Education and have completed two (2) years of paid or non-paid work experience. The determination that an occupational diploma is the goal for a student with a disability will be made at the conclusion of the student’s tenth (10th) grade year or two (2) academic years prior to the expected graduation date. Students who obtain the occupational diploma may continue to work towards the high school diploma through the end of the school year in which they turn twenty-two (22) years old.

(b) High School Diploma.

The following 26 units shall be required for graduation

Ready Core Curriculum Units

English Language Arts.....	4
Mathematics*.....	4
Science**.....	3
Social Studies***.....	3
Wellness.....	1
Physical Education.....	0.5
Personal Finance****.....	0.5
Foreign Language*****.....	2
Fine Arts*****.....	1
Elective Focus*****.....	3
[Additional Sumner County electives†].....	<u>4</u>
Total.....	<u>26</u>

*Students shall be required to achieve, by the time they graduate, at least the following: Algebra I, Geometry, and Algebra II (or equivalents) plus one additional mathematics course beyond Algebra II. All students will be enrolled in a math class each year. Students with qualifying disabilities as documented in the individualized education program may take Algebra IA, Algebra IB, Geometry A, and Geometry B for their required math classes over four years. Students who enter 9th grade having earned any high school math credits must still complete four credits in high school, taking one math class per year.

**Students shall be required to achieve, by the time they graduate, at least Biology I and either Chemistry or Physics plus another laboratory science. Students with qualifying disabilities in reading and/or math as documented in the individualized education program shall be required to achieve at least Biology I and two other lab science credits or Biology 1A and Biology 1B along with one additional lab credit.

***The social studies curriculum shall include United States History, World History/World Geography, Economics, and Government.

****In exceptional circumstances, to allow students to expand and enhance their elective focus, schools may waive the foreign language, fine art, and/or personal finance requirements for students who are not planning to attend a university. See EXHIBIT G

*****An Elective Focus is defined as three courses in a related content area.

† Students participating in special program schools (E.B.Wilson Virtual High School, Sumner County Middle College High School, Sumner County Middle Technical College High School) may be exempt from the additional Sumner County electives due to the nature of these programs.

SUMNER COUNTY ACADEMIC RECOGNITION/GPA FOR STUDENTS ENTERING HIGH SCHOOL 2009-10 AND THEREAFTER

<u>4 Tiers of Recognition</u>	<u>Cumulative GPA</u>	<u>Minimum Honors and AP Courses</u>
With highest recognition	3.90	18
With high recognition	3.70	16
With notable recognition	3.50	14
With recognition	3.50	Fewer than 14

This academic recognition plan includes all courses attempted by students for all eight terms of the high school career. The GPA is based on a four-point scale with internal weighting only (three points on the final numerical grade for an honors course and five points on the final numerical grade for an Advanced Placement course).

Rank by number will be assigned only to valedictorian and salutatorian. If there is a GPA tie, the valedictorian will be identified as the student having the highest GPA coupled with the largest number of courses at the honors and AP levels. If the GPA and the number of courses are tied, the individuals at this level will share rank. If no students qualify for valedictorian or salutatorian at the highest recognition tier, then each successive tier will be reviewed for students with the highest GPA and, in case of a tie, with the highest number of honors and AP courses with that tier. Students other than valedictorian and salutatorian will be recognized only by the tier in which they fall not by a specific number.

STATE GRADUATION WITH HONORS AND DISTINCTION

1. Students who score at or above all of the subject area readiness benchmarks on the ACT or equivalent score on the SAT will graduate with "honors."

2. Students will be recognized as graduating with "distinction" by attaining a "B" average and completing at least one of the following:

- i. earn nationally recognized industry certification
- ii. participate in at least one of the Governor's Schools
- iii. participate in one of the state's All State musical organizations
- iv. be selected as a National Merit Finalist or Semi-Finalist
- v. attain a score of 31 or higher composite score on the ACT
- vi. attain a score of 3 or higher on at least two advanced placement exams
- vii. successfully complete the International Baccalaureate Diploma Program
- viii. earn 12 or more semester hours of transcribed postsecondary credit

STATE BOARD OF REGENTS REQUIREMENTS

English	4 Units
Visual or Performing Art	1 Unit
Algebra I	1 Unit
Algebra II	1 Unit
Geometry	1 Unit
Natural/Physical Science	2 Units (<i>One must be a lab science</i>)
Social Studies	2 Units (<i>U.S. History and World History/World Geography</i>)
Foreign Language	2 Units (<i>Must be the same foreign language</i>)

EARLY GRADUATION

Students may apply through their counselors for early graduation. Schools will submit: transcript; current course schedule; foreign language, fine art, and/or personal finance waiver letter (if used); graduation checklist; and a signed letter or statement from the student and parent/guardian (unless the student is 18) requesting early graduation. In addition, principals provide a letter of support. School counselors will forward this packet to the high school instructional coordinator for further processing. Board approval is required.

MOVE ON WHEN READY

Beginning with the 2012-2013 school year, a Sumner County Schools student may complete an early high school graduation program and be eligible for unconditional entry into a public two-year institution of higher education or conditional entry into a public four-year institution of higher education, if the student meets the requirements of this section [TCA§ 49-6-8301-8306].

Each student desiring to complete an early graduation program shall indicate to the high school principal the student's intent to early graduate prior to the end of the first term of their 9th grade (freshman) year. The intent shall be indicated on a form provided by their high school and signed by the parent. A student who completes the early graduation program must continue enrollment as a full-time student until the end of the second term of the school year in which the requirements are completed.

For early graduation and unconditional entry into a public two-year institution or conditional entry into a public four-year institution, a student shall:

- (1) Achieve a benchmark score as determined by the state board of education for each subject area in which end-of-course examinations are administered.
- (2) Successfully complete eighteen (18) credits to include:
 - (A) English I, II, III, and IV;
 - (B) Algebra I and II;
 - (C) Geometry;
 - (D) U. S. History;
 - (E) Two (2) courses in the same foreign language;
 - (F) One (1) course selected from the following:
 - (i) Economics;
 - (ii) Government;
 - (iii) World civilization; or
 - (iv) World geography;
 - (G) One (1) course selected from the following:
 - (i) History and appreciation of visual and performing arts;
 - or
 - (ii) A standards-based arts course, which may include studio art, band, chorus, dance, or other performing arts;
 - (H) Health (Wellness);
 - (I) Physical Education;
 - (J) Biology;
 - (K) Chemistry.
- (3) Have a cumulative grade point average of at least 3.2 on a 4-point scale;
- (4) Score on either the ACT or the SAT at or above benchmarks set by the Tennessee higher education commission for mathematics and English;
- (5) Obtain a qualifying benchmark score as determined by the state board of education on a world language proficiency assessment approved by the board; and
- (6) Complete at least two (2) courses from the following types of courses:
 - (A) AP;
 - (B) IB;
 - (C) Dual enrollment; or
 - (D) Dual credit.

The courses specified in subsection (c) may be dual enrollment or dual credit courses, AP or IB courses, or standard courses for which high school credit is granted. Selected courses, as determined by the state board of education, may be completed at the middle school level.

A student in the early graduation program may take two (2) high school English courses in an academic year. A student who completes the early graduation program under this section qualifies for unconditional admittance to all public two-year institutions of higher education.

OPTIONAL SCHOOL SETTINGS

E. B. WILSON

E. B. Wilson High School is a school for students who wish to make up credits or who wish to attend a full-time high school in a non-traditional, virtual setting. Students desiring admission to E.B. Wilson High School must first complete an application for admission and participate in an interview conducted by E. B. Wilson personnel.

Sumner County Schools offers an opportunity for students to experience individualized, online learning outside the traditional classroom environment. This opportunity is provided through a suite of on-line software.

R.T. FISHER

R. T. Fisher School will be available for students who are placed there by an IEP team or by a disciplinary committee established by the Board of Education.

SUMNER COUNTY MIDDLE COLLEGE

Sumner County Middle College High School is an independent learning environment that allows students to earn high school credits while earning college credit. Applications are available during the fall for high school sophomores and juniors. Students must take the ACT and have a composite score of at least 19 (with a minimum sub-score in math and reading of 19 and a minimum sub-score in English of 18). Students should take the ACT no later than February. All classes will be taken on the campus of Volunteer State Community College to meet high school graduation requirements and satisfy some of the general education requirements for an associate's degree.

SUMNER COUNTY MIDDLE TECHNICAL COLLEGE

Middle Technical College High School (MTCHS) is a partnership between Sumner County Schools and Tennessee College of Applied Technology (TCAT). Our campus is located in Portland next to Portland East Middle School. Open to rising juniors and seniors in Sumner County, we currently offer three programs of study including welding, computer information systems, and machine shop technology. Students successfully completing the requirements at MTCHS will have the opportunity to graduate with both a high school diploma and a TCAT certificate.

THE UNIVERSITY EXPERIENCE AT UNION

The University Experience at Union, an enhanced dual enrollment program, is for college-bound seniors in high school who want the opportunity to achieve eighteen credit hours before they graduate. Students have the complete college experience by taking challenging classes taught by Union University faculty members on Union's Hendersonville campus each morning and are able to return to their respective high schools and participate in all of their high school activities. The University Experience at Union also offers the students the chance to attend one of the nation's highest ranked Christian universities, with supplemental activities included such as seminars designed to assist in the transition from high school to college and the chance to participate in other Union University activities. To be eligible, rising seniors must have a 3.0 or better high school grade point average, a 22 composite ACT score (or have registered to take the ACT), a reference from a high school teacher and participate in an interview with a Union University official. Tuition for this program is greatly discounted and financial assistance is available. Visit www.uu.edu/hendersonville.

TENNESSEE EDUCATION LOTTERY SCHOLARSHIP PROGRAM

There are two ways to qualify for the Tennessee HOPE Scholarship. At the time of this catalog's publication, an entering college freshman must complete the college core courses and have at least a 3.0 GPA or a 21 ACT composite score.

TSSAA ATHLETIC ELIGIBILITY REQUIREMENTS

Students must meet the following requirements in order to be eligible to participate in athletics:

To be eligible to participate in athletic contests during any school year, a student must earn 6 credits the preceding school year if 24 or more credits are required for graduation. All credits must be earned by the first day of the beginning of the school year. Academic eligibility for a student is based on the requirements of the school the student attended at the conclusion of the previous school year.

NCAA

Athletes who will compete in Division I and II must register with NCAA in the spring of their junior year, no later than the fall of their senior year.

LOSS OF CREDIT FOR DUPLICATE COURSE

Students must check carefully to make sure that they do not register for a course for which they have previously received credit. The final checking for duplicate courses is an individual student's responsibility. Neglect or oversight on the part of the student will result in the loss of credit.

SUMMER SCHOOL POLICY

According to the State Rules, Regulations, and Minimum Standards, none of the courses required for graduation shall be taken for the first time during a summer school session without permission from the principal and the Board of Education. Summer School information is available in the counseling office in May.

COURSE OFFERINGS

Some of the courses listed in this catalog may not be offered due to limited student interest and/or teacher availability.

COURSE DIFFICULTY

All courses listed are taught at the standard level unless otherwise designated.

CREDIT RECOVERY

Credit Recovery is a course specific, skill-based extended learning opportunity for students who have previously been unsuccessful in the regular classroom in mastering content or skills required to receive course credit. The Credit Recovery Lab will be opened before and after normal school hours and at other designated times. The student must complete all work while in the supervised computer lab. To be eligible for the Credit Recovery program, a student must have earned a grade of 50-69 in the original course. In order to recover the credit, a student must demonstrate a minimum mastery in the Credit Recovery course curriculum which is aligned with Tennessee Curriculum Standards approved by the State Board of Education and must attain a passing grade when averaged with the grade in the original course. Upon successful completion of the course, the student's original grade will be averaged with the student's credit recovery score. The student will be given a P/F grade based on this average and receive a standard level credit for the course if the course is passed. The Credit Recovery grade will be recorded on the student's transcript as a separate grade but will not be calculated into the student's GPA. It does not replace the "F" in the original course. The NCAA Clearinghouse will not accept a Credit Recovery course for credit to satisfy college athletic eligibility requirements.

SCHEDULE CHANGES

The Board of Education procedure for schedule changes is as follows: (1) Students register in the spring for the next academic year's courses; (2) prior to the beginning of the term, students will have an opportunity to make a schedule adjustment request. Student initiated schedule changes may be requested during the first two days of the term and are subject to approval by the school administration. Other schedule changes may be made during the term if extenuating circumstances exist and the school administration approves the changes.

STATE-MANDATED TESTING

At the publication date of this Academic Catalog, the following state examinations are scheduled to be administered at the end of each term in the following courses: Algebra I, Algebra II, Biology, Chemistry, English I, English II, English III, Geometry, and U. S. History.

GRADE CLASSIFICATION

Students are classified by grades according to the number of earned credits. In order to proceed to the next grade level, the student must have earned the minimum required number of credits at the beginning of each school year and will not change mid-year.

Freshman	5 credits or less
Sophomore	6 Credits
Junior	12 Credits
Senior	18 Credits

STATE OF TENNESSEE GRADING SCALE

100 to 93 =	A
92 to 85 =	B
84 to 75 =	C
74 to 70 =	D
69 & below =	F

Course Descriptions

Unless otherwise indicated, most courses do not charge a class fee due to the fact that a general student fee is accessed at the beginning of the school year.

ENGLISH LANGUAGE ARTS

STANDARD ENGLISH I

GRADE LEVEL: 9

PREREQUISITE: *None*

Students will study the basic rules of spelling, grammar, sentence structure, and usage. Literature, writing, and vocabulary will also be studied. Essay writing instruction will focus on constructed response techniques.

HONORS ENGLISH I

GRADE LEVEL: 9

PREREQUISITE: *At least a "B" in 8th grade Accelerated English and proficiency of required pre-course independent reading.*

Students will be expected to have a solid background in grammar and reading. At the beginning of the term, students will be tested on one novel which will be required independent summer reading. Exhibition of proficiency on this test will be mandatory to remain enrolled in the course. The genres of literature will be introduced and developed with emphasis on poetry, short stories, and the novel. Writing practice will also be an integral part of the course. Essay writing instruction will focus on constructed response techniques.

STANDARD ENGLISH II

GRADE LEVEL: 10

PREREQUISITE: *English I*

Students will study vocabulary, various genres of literature, sentence structure, grammar as it applies to writing, paragraph development, and the writing of essays. Essay writing instruction will focus on constructed response techniques.

HONORS ENGLISH II

GRADE LEVEL: 10

PREREQUISITE: *At least a "B" in Honors English I; teacher recommendation; completion of required pre-course independent reading.*

This course is designed for the student who is willing to work beyond the standard requirements. Grammar as it applies to writing will be emphasized. Essay writing instruction will focus on developing a variety of constructed responses geared toward passing the TN Ready writing assessment. The various genres of world literature will be examined. Pre-course independent reading will be required, and understanding of the novel will be assessed within the first few days of class.

STANDARD ENGLISH III

GRADE LEVEL: 11

PREREQUISITE: *English II*

This course will include a survey of selected American writers and their works, vocabulary studies, and grammar practices as they relate to the students' written and oral expression. Essay writing instruction will focus on constructed response techniques in preparation for the TN Ready writing assessment. Students will research a topic and write a research paper following the Modern Language Association (MLA) format.

HONORS ENGLISH III

GRADE LEVEL: 11

PREREQUISITE: *At least a "B" in Honors English II; teacher recommendation; completion of required pre-course independent reading.*

This course is designed for the accelerated student who is willing to work beyond the standard level. Students will be given a pre-course independent reading list. During the first few days of class, understanding of the novel will be assessed. Completion of this reading and proficiency on the evaluation are required. Students will focus on a survey of American literature. Writing assignments will test reading comprehension and analysis, improve composition skills, and foster research skills. An in-depth research paper will be required following the Modern Language Association (MLA) format. Essay writing instruction will focus on constructed response techniques in preparation for the TN Ready writing assessment. Grammar and usage rules will be reviewed as needed for writing improvement. Oral communication skills will be strengthened through discussion and presentation.

ADVANCED PLACEMENT ENGLISH III, RHETORIC AND COMPOSITION—I & II

GRADE LEVEL: 11

PREREQUISITE: *Honors English II; teacher recommendation, history of academic success, completion of preliminary reading material.*

CREDITS: 2 (Year-long)

The AP English Language and Composition course focuses on rhetorical analysis of nonfiction texts and the development and revision of well-reasoned, evidence-centered analytic and argumentative writing. It provides willing and academically prepared students with the opportunity to earn college credit and/or advanced placement. The course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement; it also guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres. Cost of the exam is approximately \$92.00.

STANDARD ENGLISH IV

GRADE LEVEL: 12

PREREQUISITE: *English III*

In this course, students will be guided through a survey of British literature. The course includes the use of informational texts that correspond with the literature, writing that focuses on grammar and style, vocabulary development, and an in-depth analysis of one novel of literary merit.

HONORS ENGLISH IV

GRADE LEVEL: 12

PREREQUISITE: *Honors English III; teacher recommendation; completion of required pre-course independent reading.*

This course is designed for the accelerated student. It includes intensive writing practice and development as students are guided through a survey of British literature. Students will be expected to analyze, evaluate and discuss literature through writing, speaking, and cooperative learning. Pre-course independent reading & proficiency is required. Exhibition of proficiency on these tests, given the first few days of class, is required.

HONORS DUAL ENROLLMENT ENGLISH IV* (ENGL 1010 & 1020/Composition I & II)

GRADE LEVEL: 12

PREREQUISITE: *ACT English subscore of 18; ACT reading subscore of 19; and 3.0 GPA in English courses.*

These courses enable a student to earn six credit hours from Volunteer State Community College.

English 1010 Composition I introduces writing expository compositions based primarily on analysis of essays and literary works. *English 1020 Composition II* emphasizes writing compositions based on issues raised in essays and literary works.

Cost: See last page of this catalog.

ADVANCED PLACEMENT ENGLISH IV-- I & II

GRADE LEVEL: 12

PREREQUISITE: *Honors English III; teacher recommendation; history of academic success; completion of preliminary reading list*

CREDITS: 2 (Year-long)

This course is designed for highly motivated, intellectually capable, college-bound seniors with a desire to challenge themselves in the field of Language Arts and build credits for selective and competitive universities. Suggested for success in this course are a background in mythology, familiarity with the Old and New Testaments, skill in the writing process, ability to define major genres, and a curiosity which asks thought-provoking questions for literary analysis. The content of this course helps students to take the Advanced Placement Literature and Composition Test for possible college credit. The cost of the exam is approximately \$92.00.

SHAKESPEARE

GRADE LEVEL: 11, 12

PREREQUISITE: *English teacher recommendation and a pattern of academic excellence*

This is a fun, interactive elective class designed for students who want to further their study of Shakespeare and Elizabethan England. Through a close reading of plays and poetry, the student will learn about the conventions of Elizabethan theatre and the actions, characters, and themes of the plays. Students will examine and analyze why Shakespeare continues to be the most celebrated and revered author in the world and why his themes are still relevant today. In addition, students will be encouraged to attend a live Shakespearean performance and will have access to films and recordings to supplement the class work.

INTRODUCTORY SPEECH

GRADE LEVEL: 9-12

PREREQUISITE: *None*

In this course, the student will learn the basics of public speaking and speech writing. There will be textbook work that includes quizzes and tests. The student will participate in writing and presenting several different types of speeches. The student will gain an overview of the theatre. This is a participation-based class. Students who refuse to complete speech assignments will fail the course. Upon completion of the course, the students have the opportunity to join the speech team which competes in acting and speaking competitions throughout the year..

INTERMEDIATE SPEECH

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "B" in Introductory Speech and/or teacher recommendation*

In this course, the student will participate in more advanced forms of public speaking and communication skills. These include acting, public speaking, group discussion, parliamentary procedure, and radio and television. There will be some textbook work that includes quizzes and tests. This class is a participation-based class. Students who refuse to complete speaking assignments will fail the course. The students have the opportunity to join the speech team, which competes in acting and speaking competitions throughout the year.

STANDARD SPANISH I

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *None*

This course is an introduction to the Spanish language with an emphasis on vocabulary, present tense verbs, writing, and basic conversational speaking skills with correct pronunciation. Students in Standard Spanish I will learn the same content as in Honors Spanish but at a slightly slower pace and through a varied means. Spanish culture will be incorporated throughout the term.

HONORS SPANISH I

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "B" in Honors English*

This course is an introduction to the Spanish language with emphasis on correct pronunciation, understanding, vocabulary, and simple present verb tense.

STANDARD SPANISH II

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Spanish I*

This course is a continuation of Spanish I with more advanced grammar and vocabulary. Both past and present verb tenses will be studied. The pace of this course is slightly slower than Honors Spanish. Students are expected to retain information from Spanish I and be able to meet the advanced demands of Spanish II. This course is recommended for students who may have struggled in Honors Spanish I.

HONORS SPANISH II

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Honors Spanish I and at least a "B" average in Honors English*

This course is a continued study of the Spanish language with additional emphasis on increased vocabulary, more advanced grammatical structures, simple present and past tenses, simple present and past verb tenses, and refined usage.

HONORS SPANISH III

GRADE LEVEL: 10, 11, 12

PREREQUISITE: "A" in *Honors Spanish II* and recommendation of foreign language teacher

This course is a continued study of the Spanish language in which more advanced vocabulary and grammar are presented. Third year language students are expected to be self-motivated, responsible, and trustworthy due to the self-directed nature of the class.

STANDARD FRENCH I

GRADE LEVEL: 9-12

PREREQUISITE: *None*

This course is an introduction to the language and culture of France. In this class, thematic vocabulary will be emphasized. Our focus will be on reading and writing. The present tense of the verb will be mastered.

HONORS FRENCH I

GRADE LEVEL: 9-12

PREREQUISITE: *None for 10, 11, 12, but incoming freshmen should have at least a "B" in 8th grade Accelerated English*

This course is an introduction to the language and culture of France. In this class, thematic vocabulary will be emphasized. Our focus will be on reading, writing, speaking, and listening skills. The present tense and the most commonly used past tense of verbs will be mastered.

STANDARD FRENCH II

GRADE LEVEL: 9-12

PREREQUISITE: *French I*

This course will be a continuation of the same type of material as in French I. French culture will continue to be presented and the most commonly used past tense will be mastered.

HONORS FRENCH II

GRADE LEVEL: 9-12

PREREQUISITE: *Honors French I*

This course is a continuation of the same type of material as in French I. French culture will continue to be presented. Vocabulary and speaking will be emphasized.

HONORS FRENCH III

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Honors French II*

In this course advanced vocabulary and grammar are presented. Translations are used to further language understanding and usage. Third year language students are expected to be responsible leaders and trustworthy examples due to the self-directed nature of the class.

FINE ARTS

Fees are required for all Fine Arts classes in addition to the general student fee.

DANCE I

GRADE LEVEL: 9-12

PREREQUISITE: *None*

This course includes learning the basic fundamentals of dance, genres of dance, and current/modern forms of dance. The student will study the origin of popular dance styles and techniques. The student will be required to actively participate in the learning of different styles of dance. The student will be expected to memorize the language and other elements learned while in this class. This is a basic dance class that any student, without any experience, can participate in. The student may be required to perform at a school function.

VISUAL ARTS I

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *None*

This course is an introduction to the language of visual art, art history, art criticism, and art production. This class will focus on the elements of art and principles of design through drawing. While this course relies heavily on "hands-on" learning experiences, students should expect written work, tests, and homework. Art production will include pencil, ink, charcoal, pastel, and more.

VISUAL ARTS II

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "B" in Visual Arts I and/or teacher recommendation; completion of required pre course drawings.*

This course is designed to expand skills and knowledge from *Visual Arts I*. This class will focus on contemporary and modern artists and mediums while students gain an increased awareness of art criticism and history to improve their skills in drawing, painting, and 3-D works. Students will be expected to turn in weekly sketchbook assignments as well as outside projects.

VISUAL ARTS III

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "B" in Visual Arts II and/or teacher recommendation; completion of required pre-course paintings.*

This course is designed for the student who has a good understanding of the design principles and elements and has developed competence in all production areas. This class will be production-based and will focus on problem-solving and developing more advanced skills. Although some projects will be structured by the teacher, students will have more choice in media and process. Sketchbook assignments and outside projects will be required. This art student must be self-motivated and an independent worker.

VISUAL ARTS IV: STUDIO ART

GRADE LEVEL: 11, 12

PREREQUISITE: *Must have completed Visual Arts I, II, III with at least a "B" average; completion of required pre-course proposal for independent portfolio development; and/or teacher recommendation.*

This course prepares the serious art student for post-secondary work in an art-related field including preparation for portfolio reviews with colleges. The student must demonstrate advanced level skills and must be independent and self-motivated. Although some projects will be structured by the teacher, other projects will be proposed and developed by the student based on their particular area of interest. Sketchbook and outside projects will be required. Students should expect to create a body of work in which to exhibit. Students will compete locally and nationally.

THEATRE ARTS I (formerly INTRODUCTORY THEATRE ARTS)

GRADE LEVEL: 9-12

PREREQUISITE: *Introductory Speech*

This course includes the elements of play production, theatre history, and general theatre etiquette. The theatre student will study voice/diction development, characterization, improvisation, and stage movement. The student will be required to memorize scenes and is expected to attend the Intermediate level production.

THEATRE ARTS II: (formerly INTERMEDIATE THEATRE ARTS)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Pass Theatre Arts I or the preceding course with a "B" and/or receive the theatre teacher's recommendation. There is a script charge of \$20 each term to cover the cost of providing scripts and paying royalties for the chosen production. Some before and after school rehearsal time is required. Students who fail other classes or have frequent ISS or OSS may be cut from productions at the discretion of the director.*

This course continues the student's exposure to play production. This course includes the production of one full-length play. Either a particular period of theatre history or a Shakespeare play is covered each term. Only those students with a love of the stage and the desire to maintain good attendance and work hard should sign up for this class.

THEATRE ARTS III: (formerly ADVANCED THEATRE ARTS)

GRADE LEVEL 11, 12

PREREQUISITE: *Pass 2 terms of Theatre II or the preceding course with a "B," have a good attendance and disciplinary record; and/or receive the recommendation of the theatre teacher. There is a script charge of \$20 each term to cover the cost of providing scripts and paying royalties for the chosen production. Some before and after school rehearsal time is required. Students who fail other classes or have frequent ISS or OSS may be cut from productions at the discretion of the director.*

This course allows students to continue their education and experience in theatre production. This course includes the production of one full-length play in collaboration with Theatre II students. Either a particular period of theatre history or a Shakespeare play is covered each term. Students will be given writing, directing, and performing assignments on a more advanced level. A full length play of literary merit will be covered each term in addition to the play being produced. **This course is NOT an "honors" credit course; standard credit is received.**

TECHNICAL THEATRE ARTS

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Theatre Arts I or Theatre instructor's recommendation. Some before and after school rehearsal time is required. There is a \$20 fee for lab supplies. Students will participate as the technical crews for the intermediate class production.*

This course gives the student a solid grounding in basic production practices with an emphasis on the technical aspects of theatre rather than performance. Students will cover theatre history, basic staging and principles of movement, as well as set, lighting, sound, costume, and makeup design, and theatre business practices. They will work with the Intermediate classes on the production chosen for the term, functioning as the designers of set, the lighting and sound technicians, the stage crew, the publicists and house managers, and the costume and makeup designers.

HONORS DUAL ENROLLMENT INTRODUCTION TO FILM (ENGL 1030)

GRADE LEVEL: 11, 12

PREREQUISITE: *ACT subscores of 19 in English and Reading; 3.0 GPA in English courses*

A general education course designed to meet the fine arts requirement. This course provides an introduction to and overview of film as an art form; emphasis is on understanding the nature of film and its place in culture, with overviews of the history and theory of film and the production process. Introduction to film counts as a required Fine Art credit in the college curriculum.

Cost: See last page of this catalog.

HONORS DUAL ENROLLMENT FUNDAMENTALS OF SPEECH (COM 100)

GRADE LEVEL: 11, 12

PREREQUISITE: *ACT subscore of 18 in English and 19 in Reading; 3.0 GPA in English courses*

This course is an introduction to the communication process, interpersonal communication, group discussion, and public speaking. Students are required to prepare and deliver speeches. This course enables a student to earn three credit hours from Volunteer State Community College.

Cost: See last page of this catalog

MUSIC THEORY I

GRADE LEVEL: 9-12

Music Theory I is a course that gives students knowledge and application of music notation, functional harmony, and aural skills. Students will continuously apply knowledge of music theory in notation practice. A brief history of written music practice is examined along with modern composition practices. Students will sing and develop aural skills and keyboard skills. Interdisciplinary connection to math and the mathematical logic of music is included. There is a \$20.00 music and supply fee for this course.

MUSIC THEORY II

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Music Theory I*

Offered in the Spring semester, this course is a continuation of *Music Theory I*. This course will further explore harmony, songwriting and music composition, intermediate piano skills, and music history. Students wanting to take this course must take *Music Theory I* as a pre-requisite, offered any

fall semester. This course is ideal for students wishing to study music after high school, but is also catered to any student seeking deeper understanding of different music practices.

PORTLAND HIGH SCHOOL CHOIR

GRADE LEVEL: 9-12

PREREQUISITE: *Prior choral or other music experience recommended but not required. There are some after school rehearsals and a performance.*

PHS Choir is a course that gives students an introductory

experience in the study and performance of a diverse repertoire of vocal and choral music, and general music study. This course includes instruction in vocal technique, musical ear training (aural skills), and musicianship. This course promotes musicianship through group performance. Members of PHS Choir enjoy trips to workshops and music events around Middle Tennessee. There is a \$20.00 music and supply fee for this course.

PORTLAND HIGH SCHOOL ENSEMBLE

GRADE LEVEL: 9-12

CREDITS: 2 (YEAR-LONG)

PREREQUISITE: *Pass at least 1 term of Portland High School Choir and/or complete an individual audition with the director. The prerequisite of passing 1 term of PHS Choir may be waived at the director's discretion – requires interview with the director.*

PHS Ensemble is a course that gives students an intermediate and advanced experience in the study and performance of a diverse repertoire of vocal and choral music. This course includes advanced instruction in vocal technique, musical ear training (aural skills), and musicianship. PHS Ensemble will have greater rehearsal and performance expectations, and increased amount of repertoire. Opportunities are available each year for participation in honor choirs and festivals. Members of PHS Ensemble enjoy trips to workshops and performances throughout Middle Tennessee. This course encourages self-expression through solo and group performance. Students are required to attend all after school rehearsals and concerts. There is a \$20.00 music and supply fee for this course. Formal concert attire is provided. Students may be required to provide additional concert attire for certain events.

INSTRUMENTAL MUSIC (BAND)

GRADE LEVEL: 9-12

CREDITS: 2 (YEAR-LONG)

PREREQUISITE: *Each student must pass an individual audition and receive the Band Director's recommendation. Band is a full-year course, and students must register for both terms. Attendance at the PHS band camp is required. Band camp information and schedules are available in the band office.*

Band is a performance-based organization. Musicianship, self-discipline and citizenship are taught through rehearsal and performance. All after-school rehearsals and performances including concerts, parades, marching contests and football games are required. Opportunities are available for students to excel on an individual level through participation in honor bands and festivals. Students participating in the Flag Corps must audition each year and will register for the first semester only unless they play an instrument the remainder of the year.

MATHEMATICS

STANDARD ALGEBRA I-A/I-B

GRADE LEVEL: 9

PREREQUISITE: *None*

CREDITS: 2 (Year-long/1 elective credit & 1 math credit)

This course is divided into two semesters in order to present algebraic concepts at a decelerated pace. Algebra I-A is an elective credit and will cover the basic properties of real numbers along with solving and graphing linear equations. The second term will cover linear equations in more depth as well as linear inequalities and quadratic equations. Algebra I credit will be awarded at the end of the second term.

HONORS ALGEBRA I

GRADE LEVEL: 9

PREREQUISITE: *An "A" in 8th grade Advanced Math Plus or Advanced Math Plus teacher recommendation*

This course is intended for students who plan to take Honors Pre-calculus and/or Advanced Placement Calculus and/or intend to pursue goals that involve a solid algebraic background. This course will cover the same algebraic concepts as in standard Algebra I but with more depth and at a faster pace. Additional topics of study will include relations and functions, variations, solving systems of linear inequalities, and solving quadratic equations by solving radical equations. A graphing calculator is essential for course work. It is the responsibility of the students to purchase their own calculator (recommended T1-83+ or T1- 84+ Silver Edition).

STANDARD ALGEBRA II-A/II-B

GRADE LEVEL: 10

PREREQUISITE: *Algebra I*

CREDITS: 2 (Year-long/1 elective credit & 1 math credit)

This course is divided into two terms in order to present second year algebraic concepts at a decelerated pace. The first term will cover equations and inequalities, linear, quadratic, and polynomial functions, and matrices. The second term will cover exponential and logarithmic functions, conics, sequences, probability, and trigonometry. *Algebra II* credit will be awarded at the end of the second term. A graphing calculator is recommended for course work.

HONORS ALGEBRA II

GRADE LEVEL: 10, 11

PREREQUISITE: *Honors Algebra I and teacher recommendation*

This course is intended for students who plan to take *Honors Pre-Calculus* and/or *Advanced Placement Calculus* and/or intend to pursue goals that require a good mathematical background. This course will cover the same algebraic concepts as *Standard Algebra II* but with more depth and at a faster pace. A graphing calculator is required for course work. It is the responsibility of the students to purchase their own calculator (T1-83+ or T1-84+).

STANDARD GEOMETRY

GRADE LEVEL: 11

PREREQUISITE: *Algebra II*

This course stresses the use of deductive reasoning and the investigation of drawing conclusions. Students study properties and relationships involving the study of lines, angles, planes, congruence and similar plane figures, basic trigonometric ratios, polygons, circles and the relationships of angles and lines of circles. Also included is the study of solid geometry concepts and analysis of topics of spatial figures. The development of the need for proof and its use is emphasized. This course provides the student with experiences that will broaden his or her understanding of geometric shapes and the properties of these shapes. A calculator is recommended for coursework.

HONORS GEOMETRY

GRADE LEVEL: 10

PREREQUISITE: *Honors Algebra I and teacher recommendation*

This course is intended for students who plan to take *Honors Pre-Calculus* and/or *Advanced Placement Calculus* and/or intend to pursue goals that involve a solid geometric background. This course will cover the same geometric concepts as *Standard Geometry* but with more depth and at a faster pace. A calculator is essential for course work. It is the responsibility of the students to purchase their own calculator.

HONORS PRE-CALCULUS

GRADE LEVEL: 11, 12

PREREQUISITE: *Honors Algebra II and teacher recommendation*

Honors Pre-Calculus is intended for students who have successfully completed *Honors Geometry* and *Honors Algebra II*. This course will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions and conic sections and their graphs. It will also include an introduction to limits. A graphing calculator (TI-83 or TI-84) is essential for the coursework, and it is the responsibility of the student to purchase their own calculator.

HONORS ADVANCED ALGEBRA AND TRIGONOMETRY

GRADE LEVEL: 11, 12

PREREQUISITE: *Honors Algebra II and teacher recommendation.*

This course is designed as a transition for juniors to college level mathematics. The topics covered will include trigonometric functions, analytic trigonometry, vectors, systems of equations and inequalities, matrices, and sequences. A graphing calculator (TI-83 or TI-84) is essential for the coursework, and it is the responsibility of the student to purchase their own calculator.

BRIDGE MATHEMATICS

GRADE LEVEL: 12

PREREQUISITE: *Algebra II and ACT math subscore below 19*

SENIORS WITH AN ACT MATH SUBSCORE BELOW 19 WILL BE PLACED IN THIS COURSE.

This course is designed to reintroduce mathematical concepts in an environment that promotes learning beyond skill and drill techniques. Technology will be used to strategically enhance the student's understanding of core concepts via the use of multiple problem solving strategies.

STANDARD PRE-CALCULUS

GRADE LEVEL: 12

PREREQUISITE: *Algebra II and ACT math subscore of at least 19 is recommended*

This course is designed as a transition to college level mathematics. It will continue to prepare the senior student who is planning to enroll in a math or science based curriculum upon entering college. Topics covered include functions and their graphs, trigonometric functions, probability, and matrices. A graphing calculator is recommended for coursework.

HONORS DUAL ENROLLMENT COLLEGE ALGEBRA (MATH 1130)

GRADE LEVEL: 12

PREREQUISITE: *ACT Math score of at least 19 and a 3.0 average in mathematics courses*

This course is designed for seniors who want to combine college and high school credit and still meet requirements for high school graduation. It is equivalent to a college algebra class and enables a student to earn three credit hours from Volunteer State Community College.

Cost: See last page of this catalog.

ADVANCED PLACEMENT CALCULUS AB I

GRADE LEVEL: 12

PREREQUISITE: *Honors Pre-Calculus and/or Honors Advanced Algebra/Trig and (both recommended); teacher recommendation*

Advanced Placement Calculus is intended for students who have successfully completed *Honors Pre-Calculus*. This course will include a study of functions and graphs, limits and continuity and derivatives. This course is intended to prepare students to enter college level calculus. A graphing calculator (TI-83+, TI-84+ or TI-89) is essential for course work. It is the responsibility of the students to purchase their own calculator. Students are encouraged to take *AP Calculus AB II* in the spring.

ADVANCED PLACEMENT CALCULUS AB II

GRADE LEVEL: 12

PREREQUISITE: *AP Calculus AB I and teacher recommendation*

This course will include the study of integration and the application of integration. Students will build on previous knowledge gained in calculus. Focus will be on integrals and their relationship to calculus, differential equations and application to definite integrals. A graphing calculator is essential for course work. It is the responsibility of the students to purchase their own calculator. Students will be encouraged to take the *AP Calculus* test for possible college credit in the spring; students must assume the cost of the test which will cost approximately \$92.00.

PHYSICAL EDUCATION AND WELLNESS

LIFETIME WELLNESS

GRADE LEVEL: 9

PREREQUISITE: *None*

Lifetime Wellness focuses on disease control, mental health, nutrition, safety and first aid, substance use and abuse, family life and sexuality and physical fitness. Students completing this course will be better prepared to assume responsibility for personal lifetime wellness.

PHYSICAL EDUCATION (1/2 CREDIT)

GRADE LEVEL: 10

PREREQUISITE: *None*

Students will demonstrate an understanding of movement concepts, principles, strategies, and tactics as they apply to the learning and performance of physical activities. Students will demonstrate competency in motor skills and movement patterns needed to perform a variety of physical activities. *This course is paired with ½ credit of Personal Finance.*

BASIC WEIGHT TRAINING AND CONDITIONING

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Wellness*

This course will include basic training, proper use of equipment, and identification of major and secondary muscle groups. Students will work with the instructor to create an individual workout program. This course is taught as a lifetime activity and part of an overall fitness program.

ADVANCED WEIGHT TRAINING AND CONDITIONING

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Basic Weight Training and Instructor's approval*

This course is designed for students and athletes with basic weight training skills to enhance their knowledge and fitness level. Each student will develop and understand training techniques designed to create an individual workout program specific to their needs.

SCIENCE

Some science courses require certain levels of math courses. Please check ALL science course listings to plan for future choices.

Fees are required in all Science classes in addition to the general student fee.

STANDARD PHYSICAL SCIENCE

GRADE LEVEL: 9

PREREQUISITE: *None*

Standard Physical Science is a course that explores the relationship between matter and energy. The student will investigate forces and motion; structure and properties of matter; interactions of matter; and energy.

HONORS PHYSICAL SCIENCE

GRADE LEVEL: 9

PREREQUISITE: *Honors Algebra I (Can be taken concurrently)*

Honors Physical Science will explore at an accelerated rate the relationship between matter and energy. Outside class assignments will be expected along with hands-on lab experiences. Topics include: force and matter; structure and properties of matter; interactions of matter; and energy. Mathematical concepts are involved with these topics. A scientific calculator is required.

STANDARD AGRISCIENCE

GRADE LEVEL: 9, 10

PREREQUISITE: *"B" average in 8th grade science is recommended*

The course objective is to provide instruction in Agriscience education, to prepare students to succeed in Agriscience education, to prepare students to succeed in Agriscience/Agribusiness employment, post-secondary technical programs, and study in community college and four-year institutions. **This course counts as a lab science credit toward graduation and college entrance requirements but cannot be substituted for Biology I or Chemistry I.** Curriculum includes animal science, plant science, recording data, the basic physics of agriculture mechanics, and leadership development. FFA is an integral part of this curriculum.

HONORS AGRISCIENCE

GRADE LEVEL: 9, 10

PREREQUISITE: *At least a "B" in 8th grade science or 9th grade Physical Science and at least a "B" in 8th grade English or 9th grade English*

Honors Agriscience is an accelerated introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology serves in the 21st century. **This course counts as a lab science credit toward graduation and college entrance requirements but cannot be substituted for Biology I or Chemistry I.** Students in this class will be required to develop an Agriscience research project. This project will be worked on in class as well as outside of class. FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory.

STANDARD BIOLOGY I

GRADE LEVEL: 10

PREREQUISITE: *Physical Science*

Biology is a course that introduces students to the world of living things. The students will explore the following areas: cells, interactions, photosynthesis and respiration, genetics and biotechnology, and biodiversity. These areas are in correlation to the new National Science Education Standards.

HONORS BIOLOGY I

GRADE LEVEL: 10

PREREQUISITE: *Honors Physical Science*

Honors Biology is an accelerated course which introduces students to the world of living things. The student will explore the following areas in depth: Cells, interactions, photosynthesis and respiration, genetics and biotechnology, and bio diversity. These areas are in correlation to the new National Science Education Standards. In addition, assignments outside of class time are required.

HONORS BIOLOGY II

GRADE LEVEL: 11, 12

PREREQUISITE: *Honors Biology I and Honors or Standard Chemistry*

Biology II is a course that introduces students to major specialty areas of Biology. The students will explore comparative anatomy, embryology, genetics, immunology, microbiology, and botany. Outside research and assignments are course requirements.

ADVANCED PLACEMENT BIOLOGY

GRADE LEVEL: 11, 12

PREREQUISITE: *Honors Biology I and Honors Chemistry I with Departmental Approval*

CREDITS: 2 (Year-long)

The *Advanced Placement Biology* course is designed to be the equivalent of a college introductory biology course. This course differs significantly from the Biology I course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done, and the time and effort required of students. The class can be divided into three general areas: 1) Molecules and Cells- 25%; 2) Heredity - 25%; 3) Organisms and Populations - 50%. Students will be expected to take the Advanced Placement Examination (approximately \$92.00) upon completion of the course.

HONORS HUMAN ANATOMY AND PHYSIOLOGY

GRADE LEVEL: 11, 12

PREREQUISITE: *Honors Biology I and Honors or Standard Chemistry*

Honors Anatomy and Physiology is a strenuous course that is a study of the body's structures and respective functions at the molecular/biochemical, cellular, tissue, organ, systemic, and organism levels. Students explore the body through laboratory investigations, models, diagrams, and /or comparative studies of the anatomy of other organisms. This course prepares students for a variety of pursuits such as health care, sports, and fitness careers. Students will study anatomical orientation; protection; support and movement; integration and regulation; transportation; absorption and excretion; and reproduction, growth, and development. Assignments outside of class time will be required and expected. A class fee is required in addition to students purchasing workbooks/materials.

STANDARD CHEMISTRY I

GRADE LEVEL: 11, 12

PREREQUISITE: *Biology I and Physical Science*

This course includes a study of atomic structure, the Periodic Table, bonds, gas laws, solutions, acids and bases, and oxidasic reduction reaction. This class is designed for students who plan to attend a four-year university.

HONORS CHEMISTRY I

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Honors Physical Science and Honors Algebra II (Honors Algebra II can be taken concurrently)*

Chemistry will include an accelerated study of atomic structure, the Periodic Table, bonds, gas laws, solutions, acids and bases, and oxidasic reduction reaction. It is recommended for students who plan to major in an allied health, math, or science field in college. A scientific calculator is required.

STANDARD PHYSICS

GRADE LEVEL: 11, 12

PREREQUISITE: *Biology I and Physical Science*

The focus of this course will be on real-world physics which will include designing and building machines and structures. This class will count as the third lab science requirement for high school graduation and is recommended for students who plan to attend a community/technical college or enter the workforce.

HONORS PHYSICS

GRADE LEVEL: 11, 12

PREREQUISITE: *Honors Advanced Algebra & Trigonometry*

or Honors Pre-Calculus (Trigonometry or Honors Pre-Calculus can be taken concurrently)

Honors Physics will include an introduction of motion, force, energy, heat, sound, light waves and circuits. It is recommended for students who plan to major in an allied health, math, or science field in college. A scientific calculator is required.

SOCIAL STUDIES

PERSONAL FINANCE (1/2 CREDIT)

GRADE LEVEL: 10

PREREQUISITE: *None*

Personal Finance is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. This course will provide a foundational understanding for making informed personal financial decisions. *This course is paired with ½ credit of Physical Education.*

STANDARD WORLD HISTORY AND GEOGRAPHY

GRADE LEVEL: 9-12

PREREQUISITE: *None*

This course is the study of the chronological events of recorded history beginning with the Age of Revolution (1750) to present day. An emphasis is placed on cultural and political changes and how those changes influence today. Each unit of study will be related to current national and global concerns.

HONORS WORLD HISTORY AND GEOGRAPHY

GRADE LEVEL: 9-12

PREREQUISITE: *Incoming freshmen must have an "A" in 7th and 8th grade Social Studies classes. Upperclassmen: Recommendation of Social Studies or English teacher*

This course is designed for students who plan to attend a four-year university. It is a vigorous course covering the chronological events of history beginning with the Age of Revolution (1750) to the present day. Outside research, reading projects and classroom presentations will be required of students. Students will be assigned group as well as independent projects.

STANDARD GOVERNMENT (1/2 CREDIT)/Paired with Standard Economics

GRADE LEVEL: 12

PREREQUISITE: *None*

The purpose of this course is to give students a foundation in how government in the United States, at all levels, works and how they can participate in it. The course covers the various government branches and agencies. Examples and case studies will also show students that people can make a difference in what happens in this nation. Our country's role in the global community is also emphasized.

HONORS GOVERNMENT (1/2 CREDIT)/Paired w/Honors Economics

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Recommendation of Honors World History teacher*

This course involves the study of democratic values, constitutional framework, and the dynamics of the US political system. Emphasis will be placed on the branches of government as they relate to our past and present democratic challenges. State and local governments will be examined including their involvement in federal issues and current trends. Outside readings in current periodicals will be required. Students will be assigned group as well as independent projects.

STANDARD ECONOMICS (1/2 CREDIT)/Paired with Standard Government

GRADE LEVEL: 12

PREREQUISITE: *None*

Standard Economics is a survey course acquainting students with the various elements of the American economic system, with emphasis on supply and demand, business cycles, consumer awareness, and banking systems. Students will be exposed to information, which will allow them to better understand how our nation's economic system developed and how it differs from other systems. Students will also gain skills and knowledge necessary to effectively participate in the American system.

HONORS ECONOMICS (1/2 CREDIT)/Paired with Honors Government

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Recommendation of Honors World History teacher*

This course presents an overview of economic principles including economic problems, supply and demand, the economics of the firm, competition and monopoly, resource markets, and international trade. Inflation, unemployment, fiscal and monetary policy, and current trends in global and domestic economics will be explored. Students will be required to participate in class and assigned group as well as independent projects.

STANDARD U.S. HISTORY

GRADE LEVEL: 11, 12

PREREQUISITE: *None*

Standard U. S. History will include a survey of course work covering the various personalities, events, and periods in the history of the United States beginning in 1877 with Industrialization and working up to the present. Emphasis is placed on development of thinking skills, basic knowledge, and student understanding of concepts for good citizenship.

HONORS U.S. HISTORY

GRADE LEVEL: 11, 12

PREREQUISITE: *Social Studies teacher recommendation*

Honors U. S. History is the study of the various events and personalities which have shaped the great American nation. The course is both topical and chronological and will cover military, social, political, and economic histories beginning in 1877 with Industrialization and working up to the present day. Students will be encouraged to develop pride in their nation's heritage and to dedicate themselves to active participation in their country's future. Students will investigate how the U.S. became a world leader and what obligations this position requires of its citizens. The course leads to the development of and appreciation for the sacrifices made by our ancestors to provide the current generation with freedom and democracy. The course will also explain the role of the United States in the global community of the 21st century.

ADVANCED PLACEMENT U.S. HISTORY

GRADE LEVEL: 11, 12

PREREQUISITE: *Social Studies teacher recommendation; Honors English 10 or enrollment in Honors English 11; summer reading*

CREDITS: 2 (Year-long)

AP U. S. History I is a challenging course that is meant to be the equivalent of a freshmen college course and can earn students college credit if they successfully pass the AP exam in the spring. This course is a two-semester survey of American History in which the student will study the underlying meanings behind major events including Exploration, Reconstruction, Rise of Industrial United States and present day. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Cost of the exam is approximately \$92.00.

ADVANCED PLACEMENT EUROPEAN HISTORY

GRADE LEVEL: 10, 11, 12

PREREQUISITES: *Honors World History; Social Studies teacher recommendation; enrollment in Honors English*

CREDITS: 2 (Year-long)

AP European History focuses on developing students' abilities to think conceptually about European history from 1450 to the present. This college level class requires students to reason historically about continuity and change over time and to make comparisons among various historical developments in different times and places. A variety of learning strategies is utilized with an emphasis on reading from a supplemental reading list, essay writing, class discussion, and multiple-choice testing. Preparation for the Advanced Placement Examination is the central objective for the course. Students will be expected to take the Advanced Placement Examination upon completion of this course. The cost of the exam is approximately \$92.00.

STANDARD SOCIOLOGY (1/2 credit/paired with St. Psychology)

GRADE LEVEL: 11, 12

PREREQUISITE: *None*

This course surveys major sociological perspectives, theories, methods, and ideas. Students will examine the origins of sociology as a discipline to the formation of current social problems. A key objective in this course is the development of sociological imagination. Students will work toward understanding the major concepts of the course, improving critical thinking, reading, verbal, and writing skills, along with developing a strong communal learning environment.

STANDARD PSYCHOLOGY (1/2 credit/paired with Sociology)

GRADE LEVEL: 11, 12

PREREQUISITE: *None*

Standard Psychology is the study of individual human behavior. Subjects covered include personality, learning, intelligence, consciousness, attitude, mental illnesses, and mental retardation. Students will develop a variety of techniques to cope with everyday problems. Oral presentations and library research are required.

HONORS PSYCHOLOGY

GRADE LEVEL: 11, 12

PREREQUISITE: *Social Studies teacher recommendation*

Honors Psychology allows students to study individual human behavior and serves as a vehicle for students to learn more about themselves. Subjects covered include personality, learning, intelligence, attitudes and values, mental illness, mental retardation, and perception. Students learn a variety of techniques to cope with everyday situations and prepare for future college studies or careers. This course is designed for college-bound students regardless of their chosen majors. Outside reading, library research and oral presentations are required for this class. Students will also be assigned group as well as independent projects.

HONORS DUAL ENROLLMENT GENERAL PSYCHOLOGY (PSY 101)

GRADE LEVEL: 11, 12

PREREQUISITE: *ACT English and Reading subscores of 19 and 3.0 in social studies courses*

This course is designed to provide an overview of the field of psychology and human behavior. The topics of philology, history, biology, learning, personality, abnormal behavior, treatment, applied memory, intelligence, motivation, consciousness, perception, and sensory are included. This course enables a student to earn three credit hours from Volunteer State Community College.

Cost: See last page of this catalog.

CAREER & TECHNICAL EDUCATION

Fees are required in all Career and Technical Education classes in addition to the general student fee.

AGRICULTURE, FOOD, & NATURAL RESOURCES

STANDARD AGRISCIENCE

GRADE LEVEL: 9, 10

PREREQUISITE: *None*

Standard Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology serves in the 21st century. **This course counts as a lab science credit toward graduation and college entrance requirements but cannot be substituted for Biology I or Chemistry.**

*FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory.

HONORS AGRISCIENCE

GRADE LEVEL: 9, 10

PREREQUISITE: *At least a "B" in 8th grade science or 9th grade Physical Science and at least a "B" in 8th grade English or 9th grade English*

Honors Agriscience is an accelerated introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology serves in the 21st century. **This course counts as a lab science credit toward graduation and college entrance requirements but cannot be substituted for Biology I or Chemistry.** Students in this class will be required to develop an Agriscience research project. This project will be worked on in class as well as outside of class.*FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory.

PRINCIPLES OF AGRICULTURE MECHANICS

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Agriscience and Instructor's approval*

Agricultural Mechanics includes standards to prepare students for operational procedures for a shop or a home environment. Students learn basic skills in areas, including welding, electricity, land measurement, and plumbing. As students enter the 21st century, they need to have skills that can be used in a rural or an urban environment. FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory.

SMALL ANIMAL SCIENCE

GRADE LEVEL: 10, 11 (12th with instructor approval)

PREREQUISITE: *Agriscience or Principles of Agriculture*

Small Animal Science contains objectives to prepare students for careers in managing and caring for specialty and companion animals. As our population raises more specialty and companion animals for production purposes and personal value, careers that work with these animals in a safe environment will continue to expand. FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory.

PRINCIPLES OF PLANT SCIENCE AND HYDROCULTURE

GRADE LEVEL: 10, (11th, 12th with Instructor approval)

PREREQUISITE: *Agriscience*

This course's objective is to provide the student with an introduction to horticulture with studies in greenhouse operations, garden center operations, turf management, and related industries. Curriculum covers everything from botany to marketing. This course is designed as an introductory class for students tracking in horticulture related classes. FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory.

AGRICULTURAL POWER AND EQUIPMENT

GRADE LEVEL: 11, 12

PREREQUISITE: *Agriscience and Principles of Ag. Mechanics*

Agricultural Power and Equipment is an applied course in agricultural engineering with special emphasis on laboratory activities involving small engines, tractors, and agricultural equipment. The standards in this course address navigation, maintenance, repair, and overhaul of electrical motors, hydraulic systems, and fuel powered engines as well as exploration of a wide range of careers in agricultural mechanics. Upon completion of this course, proficient students will be able to pursue advanced training in agricultural engineering and related fields at a postsecondary institution. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects. FFA IS AN INTEGRAL PART OF THIS CLASS. Extracurricular activities are encouraged but not mandatory. This class is on rotation with Agriculture and Biosystems Engineering (Agriculture Engineering)

GREENHOUSE MANAGEMENT

GRADE LEVEL: 11, 12

PREREQUISITE: *Agriscience and Principles of Plant Science*

Greenhouse Management is an applied-knowledge course designed to prepare students to manage greenhouse operations. This course covers principles of greenhouse structures, plant health and growth, growing media, greenhouse crop selection and propagation, and management techniques. Upon completion of this course, proficient students will be equipped with the technical knowledge and skills to prepare for further education and careers in horticulture production. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards in Mathematics, and Tennessee state standards for Biology I and Biology II, as well as National Agriculture, Food, & Natural Resources Career Cluster Content Standards.* **STUDENTS WILL BE REQUIRED TO WORK EIGHT HOURS IN THE GREENHOUSES OUTSIDE OF CLASS DURING SALE PERIOD AS PART OF THE CLASS. FFA IS AN INTEGRAL PART OF THE COURSE.** Extracurricular activities are suggested but not required.

VETERINARY SCIENCE

GRADE LEVEL: 11, 12

PREREQUISITE: *Agriscience and Small Animal Care*

Veterinary Science is dedicated to preparing students who are interested in becoming a veterinarian, vet tech, vet tech assistant or other scientific, health or agriculture professions, for post-secondary education. Students will be instructed on the animal science and care industry. The course will cover multiple principles related to health and disease, animal care needed for multiple species of animals, laboratory procedures, and other aspects related to the industry. Upon completion, students will have the needed criteria to pursue advanced courses pertaining to veterinary science. **FFA IS AN INTEGRAL PART OF THE COURSE.** Extracurricular activities are suggested but not required.

BUSINESS AND MARKETING

The CTSOs offered through the Business and Marketing Department will include both FBLA and DECA. FBLA will be leadership focused and DECA will be competition driven.

***Future Business Leaders of America (FBLA)** club activities are an integral part of our classroom curriculum as mandated by the State of Tennessee, although the membership is optional and each business student is encouraged to enroll as a member. FBLA dues are \$15.00 per year. Club activities are a vital part of our program: developing leadership skills, school and community involvement, decision-making skills, and being part of a team to contribute to the growth of each student.*

***DECA** is an organization for marketing students that are interested in careers in the fields of marketing, management, entrepreneurship, finance, and hospitality. DECA promotes competition, community service, leadership, and professional responsibility. DECA club activities are an integral part of our classroom curriculum as mandated by the State of Tennessee, and although the membership is optional, each student should consider joining DECA. DECA dues are \$15.00 per year. Through joining DECA students will develop leadership skills, interview/presentation skills, and job seeking skills.*

BUSINESS:

COMPUTER APPLICATIONS (Formerly WORD PROCESSING)

GRADE LEVEL: 9-12

PREREQUISITE: *None*

Computer Applications is a foundational course intended to teach students the computing fundamentals and concepts involved in the proficient use of common application software such as Word, Excel, Access and PowerPoint. Upon completion of this course, students will gain basic proficiency in word processing, spreadsheets, databases, and presentations. In addition, students will have engaged in key critical thinking skills and will have practiced ethical and appropriate behavior required for the responsible use of technology.

ADVANCED COMPUTER APPLICATIONS (Not an Honors class)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "C" in Computer Applications (formerly Desktop Publishing)*

This is a capstone course in which students will learn necessary skills in problem solving using current and emerging integrated technology to include a variety of input technologies in the production of professional quality business documents and presentations. The course focuses on student choice, accountability and performance. Students increase their employability by working toward the attainment of high-level skills in the areas of integrated software applications, communication skills, ethical issues, human relations, leadership, self-management, and workplace management. Students may choose areas of specialization and achieve industry certification in areas such as word processing, spreadsheet applications, multimedia presentations, schedule and contact management, etc. This course may articulate to post-secondary education.

BUSINESS COMMUNICATIONS (Formerly DESKTOP PUBLISHING)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "C" in Computer Applications (formerly Word Processing)*

Business Communications is a course that prepares students for oral, written, and electronic business communications in the twenty-first century, including memos, reports, legal forms, and proposals, as well as the modern use of emails, instant messages, web pages, and web-video presentations and meetings. Emphasis will be placed on business communications, via social media, multimedia web pages, webinars and video web conferences. Students will apply keying, formatting, typography, and layout and design skill in developing electronic publishing documents using Microsoft Office, In Design, and Photoshop. The student will develop skills in electronic publishing design, layout, composition, and photo journalism.

BANKING & FINANCE

GRADE LEVEL: 11, 12

PREREQUISITE: *Banking Instructor's approval*

CREDITS: 2 (Year-long)

This course is designed to provide students with personal banking knowledge and the skills to make personal financial decisions. This course will have hands-on banking experience.

BUSINESS MANAGEMENT (YEARBOOK)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Computer Applications and Yearbook* Instructor's approval

CREDITS: 2 (Year-long)

Over the course of this year, students will be responsible for creating the school's yearbook. Students will learn photography skills, journalism skills, computer skills, marketing skills, and most importantly, you will learn how to work as a group to design and complete our yearbook. In this class, students will cover each of the marketing functions in a real world business setting by being able to create, research, finance, promote, sell, price, and distribute a product. Skills developed in previous business and marketing courses will be very useful on the yearbook staff. Students are responsible for taking photographs during school and after school events, distributing yearbooks on one stop nights, scheduling and working on picture days, interviewing and writing stories, using yearbook software, planning promotions, selling advertisements, and working with all staff members to create the 2016 yearbook. *There is an attendance grade for this course.*

MARKETING:

Completing three marketing courses classifies a student as a completer in the Marketing Management Career Pathway as determined by the State of Tennessee.

MARKETING 1

GRADE LEVEL: 9-12

PREREQUISITE: *None*

No matter the career you wish to seek in your future, whether it be a doctor, lawyer, or owning your own business, you will benefit from an understanding of how business works. Marketing is a fun, energetic elective for those who want to be challenged. Learning takes place through hands on group projects, case studies, discussions, and current resources that can be applied to the real world. Hands on projects include creating your own product/company, designing your own store, and developing promotions such as TV advertisements. *Students are highly encouraged to be involved in DECA, a co-curricular organization for students offering scholarship, networking, and additional learning opportunities. DECA also allows for field trips and competitions across the country. DECA fees are \$15.*

MARKETING 2 (*Offered Fall Semester Only*)

GRADE LEVEL: 10-12

PREREQUISITE: *At least a "B" in Marketing 1. Must be a dues paid DECA member and sign contract to compete at the DECA State competition to be in the class.*

Marketing 2 is an upper level marketing course taught through project based learning. Students will practice advanced marketing strategies through developing written marketing plans. This gives students the chance to gain real world marketing experience and practice the concepts learned in Marketing I. Students should be prepared to write up to a 30 page marketing plan and develop a ten minute presentation over the plan for the semester capstone project; marketing plan projects will follow the DECA guidelines for written events. Students will have the opportunity to work with local businesses and community organizations for the development of their marketing plan. Students enrolled in Marketing 2 in the fall semester have the opportunity to sign up for the Advertising and Public Relations course in the spring semester. This is a great course for students who think they may be interested in pursuing a marketing or business degree! *Students in Marketing 2 are required to be a dues paid member of DECA. DECA fees are \$15. Students must also sign a contract that they will complete the capstone project and compete with that project at the DECA State Competition.*

ADVERTISING AND PUBLIC RELATIONS (*Offered Spring Semester Only*)

GRADE LEVEL: 10-12

PREREQUISITE: *At least a "B" in Marketing 1.*

Advertising and Public Relations is an upper level marketing course focusing on the concepts and strategies associated with the promotion element of the marketing mix. Students will promote products, services, ideas, and events. Students taking this course will develop print advertisements and broadcast advertisements, develop social media campaigns and content, write press releases, hold press conferences, create publicity campaigns/news kits, and create marketable materials for programs in our school. This course addresses skills essential to the creative side of the industry and explores consumer behavior patterns and motivations for buying. Upon completion of this course, proficient students will be able to demonstrate understanding in fundamental advertising and public relations concepts by creating an electronic portfolio of representative course projects. This is a great course for students who may want to pursue a marketing or communications degree! *Students are highly encouraged to be involved in DECA, a co-curricular organization for students offering scholarship, networking, and additional learning opportunities. DECA also allows for field trips and competitions across the country. DECA fees are \$15.*

HONORS VIRTUAL ENTERPRISE

GRADE LEVEL: 11, 12

PREREQUISITE: *Advanced Computer Applications and VE Instructor's approval. (Marketing 1 is recommended but not required.)*

CREDITS: 2 (Year-long)

Virtual Enterprise International (VE) is a simulated business environment. The VE students will be involved in actual on-the-job work experiences, including accounting, personnel administration, management and marketing. The only difference between the VE and an actual business is that no material goods are produced or legal tender exchanged. However, services will be provided. Working in a team, the student will develop and enhance oral and written communication skills through taking initiative, responsibility, and creativity. The VE experience will weave together several academic disciplines and occupational subjects, thereby overcoming fragmentation of subjects. The course will link learning to application and real life experiences. The goal is to create a learning environment that, through a series of activities, integrates school and workplace to enhance learning. Laboratory facilities and experiences simulate those found in business and industry.

COSMETOLOGY

PRINCIPLES OF COSMETOLOGY

GRADE LEVEL: 9, 10

PREREQUISITE: *None*

This course, which is the first level of cosmetology, prepares students with work-related skills for advancement. Content provides students with the opportunity to acquire basic fundamental skills in both theory and practical application of self-maintenance, leadership and interpersonal skills development. Because students are earning hours toward licensure, excessive absences in this course could result in being dropped from the program.

DESIGN PRINCIPLES OF COSMETOLOGY

GRADE LEVEL: 11, 12

PREREQUISITE: *Principles of Cosmetology and teacher recommendation*

CREDIT: 2 (YEAR-LONG)

This course is for the advanced cosmetology student performing work-related services on customers along with classroom work. Students will prepare for the *Advanced Chemistry of Cosmetology*. Hours will be received to prepare to meet State Board requirements. Because students are earning hours toward licensure, excessive absences in this course could result in being dropped from the program.

CHEMISTRY OF COSMETOLOGY

GRADE LEVEL: 11, 12

PREREQUISITE: *Design Principles of Cosmetology*

CREDIT: 2 (YEAR-LONG)

This course, which is the advanced level of cosmetology, prepares students to perform work-related services using chemistry. Content provides laboratory experiences. Upon completion of 1500 hours, students will be eligible to take the Tennessee Cosmetology State Board. Because students are earning hours toward licensure, excessive absences in this course could result in being dropped from the program.

HEALTH SCIENCE

HEALTH SCIENCE EDUCATION

GRADE LEVEL: 9, 10, 11 (12th with Instructor Approval)

PREREQUISITE: *Incoming freshmen must have an "A" in 8th grade Science*

This is an introductory course designed to prepare students to pursue careers in the fields of biotechnology research, therapeutics, health informatics, diagnostics, and support services. Upon completion of this course, a student proficient in *Health Science Education* will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the health science programs of study.

DIAGNOSTIC MEDICINE

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "C" in Health Science Education*

Diagnostic Medicine creates a picture of an individual's health status at a single point in time. This class will explore lab tests commonly used in practice, venipuncture, reading x-rays and EKGs, plus much more. This could include the following careers and career areas: audiology, cardiology, imaging, medical laboratory, radiography, nuclear medicine, stereotactic radiosurgery, cytotechnology, clinical laboratory technician, pathology, medical physician, histotechnology.

MEDICAL THERAPEUTICS

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *At least a "C" in Health Science Education*

This is an applied course designed to prepare students to pursue careers in therapeutic services. Upon completion of this course, proficient students will be able to identify careers in therapeutic services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatment. The student will incorporate communication, goal setting, and information collection skills to be successful in the workplace.

ANATOMY AND PHYSIOLOGY (Fall Term)

GRADE LEVEL : 11,12

PREREQUISITE: *Medical Therapeutics or Diagnostic Medicine*

Anatomy and Physiology is an upper level course that includes an in-depth study of all human body systems. Students will explore the structures and functions of both the healthy and diseased human body while developing knowledge and skills associated. Students will develop a deeper knowledge of all body systems, identify organs and structures of the support and movement systems, relate the structures and functions of the communication, control, regulatory, transportation, respiration, excretory and reproductive systems.

NURSING EDUCATION (Spring Term)

GRADE LEVEL: 11, 12

PREREQUISITE: *Medical Therapeutics and Anatomy & Physiology*

Nursing Education is a capstone course designed to prepare students to pursue careers in the field of nursing. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, maintain residents' rights and independence, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a nursing assistant. At the conclusion of this course, if students have logged 40 hours of classroom instruction and 20 hours of classroom clinical instruction, and if they have completed 40 hours of site-based clinical with at least 24 of those hours spent in a long-term care facility, then they are eligible to take the certification examination as a Certified Nursing Assistant (CNA). Prior to beginning work at a clinical site, students must be certified in Basic Life Support (BLS) Cardiopulmonary Resuscitation (CPR), and deemed competent in basic first aid, body mechanics, Standard Precaution guidelines, and confidentiality. Standards in this course are aligned with Tennessee State Standards in English Language Arts & Literacy in Technical Subjects, Tennessee State Standards for Anatomy & Physiology, and Tennessee Nursing Education Training Program requirements. Students enrolled in this course who wish to pursue certification must spend a minimum of 40 hours in a clinical setting. Twenty-four of the 40 hours must be spent in a long-term care facility, and the remainder can take place in any setting that employs certified nursing assistants.

HUMAN SERVICES

All Human Services classes require a supply charge. Family, Career and Community Leaders of America (FCCLA) is an integral part of the curriculum. The Human Services department offers pathways in Education and Training, Social and Mental Health Services, and Dietetics and Counseling.

FUNDAMENTALS OF EDUCATION

GRADE LEVEL: 9, 10, 11 (12th with Instructor Approval)

PREREQUISITE: *None*

This class is a foundational course for students interested in learning more about becoming a school counselor, teacher, librarian, or speech/language pathologist. This course covers the history of education, careers in education, educator responsibilities and aptitudes, and the influence of human development on learning. Students who plan to pursue careers with children will find this a beneficial elective.

TEACHING AS A PROFESSION I (TAP I)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *Fundamentals of Education*

Teaching As A Profession I (TAP I) is an applied-knowledge course for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology. Students in this course will conduct observations of educators at work and create artifacts for a course portfolio.

INTRODUCTION TO HUMAN STUDIES

GRADE LEVEL: 9, 10

PREREQUISITE: *None*

This class is a foundational course for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, therapist, parent or a community volunteer. This course covers the history of counseling and social services, career investigation, stress management, mental illness, communication, and the counseling process.

FOUNDATIONS OF FASHION DESIGN

GRADE LEVEL: 9-12

PREREQUISITE: *None*

Foundations of Fashion Design introduces students to the rich history of the fashion industry and the basic design principles that are integral to its operation. This course studies the history of the fashion industry, elements and principles of design, textile history and composition, as well as basic construction principles. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. Students will be required to purchase sewing supplies and fabric for all projects in addition to the regular course fee.

NUTRITION ACROSS THE LIFESPAN (Nutrition and Foods)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *None*

Nutrition across the Lifespan is for students interested in learning more about becoming a dietitian, nutritionist, or pursuing a variety of scientific, health, or culinary arts professions. This course covers human anatomy and physiological systems, nutritional requirements, as well as social, cultural, and other impacts on food preparation and integrity.

LIFESPAN DEVELOPMENT

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *None*

Lifespan Development builds basic knowledge in human growth and development. The course includes principles of behavior and growth of children from conception through adolescence, adult development and aging, death and dying and developmental theories. This is the second course in the social and mental health pathway. Students who plan to pursue careers working with children and adults will find this a beneficial elective.

FAMILY STUDIES

GRADE LEVEL: 10, 11, 12

PREREQUISITE: *None*

Family Studies is an applied knowledge course that examines the diversity and changing structure of the family. The course focuses on history and changes in relationships, parenting and the effects of stress on the family. This course is beneficial for students pursuing careers working with families.

LAW ENFORCEMENT SERVICES

PRINCIPLES OF LAW, CORRECTIONS, AND SECURITY

GRADE LEVEL: 9, 10 (11th with instructor approval)

PREREQUISITE: *Incoming freshmen must have at least a "B" in 8th grade English.*

Principles of Law, Corrections, and Security is an introductory course designed to prepare students to pursue careers in the fields of law enforcement, legal services, corrections, and security. Upon completion of this course, a proficient student will be able to identify careers in these fields, summarize the laws that govern the application of justice, and draw key connections between the history of the criminal justice system and the modern legal system. In addition, students will model the professional, moral, and ethical standards required of professionals in the fields of law, legal services, corrections, and security.

CRIMINAL JUSTICE I

GRADE LEVEL: 10, 11

PREREQUISITE: *At least a "C" in Principles of Law, Corrections, and Security.*

Criminal Justice I is the second course in *Law Enforcement Services* and the *Legal and Correctional Services* programs of study. It serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Current issues will be researched in the context of local, state, and federal laws. Investigative skills will be developed in the areas of drug use, incident documentation and basic crime scene investigation. Additionally, upon completion of the course, students will understand the importance of communications and professionalism in law enforcement.

CRIMINAL JUSTICE II

GRADE LEVEL: 11 (12th with instructor approval)

PREREQUISITE: *At least a "C" in Criminal Justice I*

Criminal Justice II is an integrated survey of the law and justice systems for students interested in pursuing careers in law enforcement and legal services. From initial crisis scenario management to arrest, transport, trial, and corrections, procedures and laws governing the application of justice in the United States are examined in detail, with special emphasis on the best practices and professional traits required of law enforcement and legal professionals. This course prepares students for advanced work in crime scene analysis and forensic science, and offers strong knowledge and skill preparation for postsecondary or career opportunities in associated fields.

CRIMINAL JUSTICE III: INVESTIGATIONS

GRADE LEVEL: 12

PREREQUISITE: *At least a "C" in Criminal Justice II and instructor approval*

Criminal Justice III: Investigations is the final course designed to equip students with the knowledge and skills to be successful in the sciences of criminal investigations. Students will learn terminology and investigation skills related to the crime scene, aspects of criminal behavior, and applications of the scientific inquiry to solve crimes. By utilizing the scientific inquiry method, students will obtain and analyze evidence through simulated crime scenes and evaluation of case studies. Upon completion of this course, proficient students will be able to identify careers forensic science and criminology, summarize the laws that govern the application of forensic science, and draw key connections between the history of the forensic science system and the modern legal system.

MACHINING TECHNOLOGY

PRINCIPLES OF MANUFACTURING FOR MACHINING

GRADE LEVEL: 9, 10

PREREQUISITES: *None*

This course focuses on essential principles that must be mastered for a person to be effective in manufacturing production work. The course is intended for students more interested in production than engineering. The course covers customers, quality principles and processes, systems, information in the workplace, the business of manufacturing, and statistical process control. The course is contextual by design. It connects what is being learned to the learner's current experience, past knowledge, and future conduct. Wherever possible, real-world or simulation hands-on experiences become the context in which instruction is delivered.

PRINCIPLES OF MACHINING I

GRADE LEVEL: 9, 10, 11

PREREQUISITE: *At least a "C" in Principles of Manufacturing*

This course focuses on the essential principles that must be mastered for a person to be effective in manufacturing production work. The course is intended for students who are interested in production that integrates machining and engineering. Class instruction covers professional communications with customers; quality principles and processes; systems; information in the workplace; the process of product design to machine parts; and statistical process control. The course is contextual in design and connects what is being learned to the learner's current experience, past knowledge, and future conduct. Wherever possible, real-world or simulation hands-on experiences become the context in which instruction is delivered.

PRINCIPLES OF MACHINING II (Fall term)

GRADE LEVEL: 11, 12

PREREQUISITE: *At least a "C" in Principles of Machining I. Paired with Manufacturing Practicum-Machining which is offered in the spring.*

This course focuses on the concepts and practices that support careers in manufacturing, machining field, industrial maintenance, metrology, automation, industrial design, or industrial support. The course introduces the technology of machining and manufacturing processes. While working as team members, students will apply leadership and organizational skills relating to designing, producing, and maintaining a product. Emphasis is placed on quality control, codes and standards, and production systems. The course is contextual by design. The course connects what is being learned to the learner's current experience, past knowledge, and future conduct. Laboratory exercises provide active and cooperative learning opportunities.

MANUFACTURING PRACTICUM/MACHINING (Spring Term)

GRADE LEVEL: 11, 12

PREREQUISITE: *At least a "C" in Principles of Machining II. Paired with Principles of Machining II which is offered in the fall.*

This course is designed for students interested in entering the workforce or pursuing higher education in the manufacturing area. The class requires students to solve problems in a real-world manufacturing context. Problems address critical areas identified by industry and supported by relevant national standards. The course is structured as a series of simulation units. The simulations require students to identify problems in a manufacturing company based on data supplied in typical management reports. Students work in teams of four to six; teams test and refine proposed solutions with computer simulations. All teams work on the same problems concurrently. At the end of each unit, students present team findings and recommendations to the class and to a panel of manufacturing industry representatives, which acts as the board of directors.

PRODUCTION DESIGN

ARCHITECTURAL & ENGINEERING DESIGN I

(formerly Computer Aided Drafting I)

GRADE LEVEL: 9, 10, 11

PREREQUISITE: *None*

Architectural & Engineering Design I is a course in which students learn the basic concepts of scale drawings and orthographic projections by making simple two- and three-dimensional drawings using manual drafting tools and computer-aided drafting (CAD). Course content will enable students to make

the transition into the use of CAD software by having them make increasingly sophisticated drawings. Students will work in teams to create a class project which will culminate in a complete set of construction and assembly drawings for a mechanical product.

ARCHITECTURAL & ENGINEERING DESIGN II

(formerly Computer Aided Drafting II)

GRADE LEVEL: 10, 11

PREREQUISITE: *Computer Aided Drafting I or Architectural & Engineering Design I*

Architectural & Engineering Design II is a course in which students learn advanced two-dimensional and basic three-dimensional concepts of scale drawings and orthographic projections using a software program. Course content will enable individual students to create increasingly sophisticated drawings using a software program and will culminate in the creation of a complete set of construction and/or assembly drawings for a mechanical project.

ARCHITECTURAL & ENGINEERING DESIGN III

(formerly Advanced Drafting)

GRADE LEVEL: 11, 12

CREDITS: 2 (YEAR-LONG)

PREREQUISITE: *Computer Aided Drafting II or Architectural Engineering Design II and/or Instructor's approval*

This is a course in which students will learn to use a software program to create engineering drawings including architectural, civil or plan drawings, assembly drawings, welding and process drawings, cross sections, 3D representations, bills of materials, and schedules. Emphasis is on drawings of increasing complexity.

WELDING

PRINCIPLES OF MANUFACTURING FOR WELDING

GRADE LEVEL: 10

PREREQUISITE: *None*

This is a course that will introduce students to basic skills and knowledge application to all construction trades. Topics covered include safety, construction drawings, site layout, hand and power tools, linear and angular measurements, and construction problems.

WELDING I (Fall term)

GRADE LEVEL: 11

PREREQUISITE: *At least a "C" in Principles of Manufacturing for Welding. Paired with Welding II which is offered in the spring.*

This is a course in which students will learn basic skills and knowledge related to cutting and welding applications. Course content includes safe practices, career research, leadership development, and basic arc welding and thermal cutting skills. Combined with the second and third year courses, the student should be prepared for Entry Level Welder certification, as defined by American Welding Society QC10.

WELDING II (Spring Term)

GRADE LEVEL: 11

PREREQUISITE: *At least a "C" in Welding I. Paired with Welding I which is offered in the fall.*

This is a course designed to follow *Welding I* in which students will learn more advanced techniques and skills related to cutting and welding applications. Development of welding and cutting skills will be continued in the context of a series of projects. Combined with the third-year course, the student should be prepared for Entry Level Welding Certification, as defined by American Welding Society QC 10.

WELDING II (Fall Term)

GRADE LEVEL: 12

PREREQUISITE: *At least a "C" in Welding II. Paired with Manufacturing Practicum/Welding which is offered in the spring.*

This course is the second credit of *Welding II* in which students will continue to learn more advanced techniques and skills related to cutting and welding applications. Welding and cutting skills that are developed in prior courses will be used to satisfactorily complete a series of industry certification tests. Following the completion of this course, including successful passage of the industry certification tests, the student should be certified as an Entry Level Welder as defined by the American Welding Society QC10.

MANUFACTURING PRACTICUM/WELDING (Spring Term)

GRADE LEVEL: 12

PREREQUISITE: *At least a "C" in Welding II. Paired with the Welding II course that is offered in the fall.*

This course is for students interested in entering the workforce or pursuing higher education in the manufacturing area. The class requires students to solve problems in a real-world manufacturing context. Problems address critical areas identified by industry and supported by relevant national standards. The course is structured as a series of simulation units. The simulations require students to identify problems in a manufacturing company based on data supplied in typical management reports.

OTHER

SENIOR PROJECT

GRADE LEVEL: 12

PREREQUISITE: *Must be a graduating senior & have earned a minimum of 20 credits. Students can earn 1 credit per term.*

Senior Project is a course for credit with a pass/fail grade that is not computed into the GPA. Students who fail this course the first term may not be eligible to enroll for the second term. Experiences are academic/instructional activities that may take place away from the school premises for an average of seven and one-half hours per week (a total of 135 hours is required). The purpose of this course will be to showcase the knowledge, skills, and creativity developed as a result of twelve years of education. Hours spent on this project must be unpaid/volunteer time spent in the areas of career exploration, community service, or individual skill development.

NATURE AND NEEDS/Peer Buddy Mentor Program

GRADE LEVEL: 11, 12

PREREQUISITE: *Completed Application, Teacher Recommendation, and Interview*

This class is designed for students who have a desire to work with students with disabilities. Characteristics required are strong leadership, patience, working well with others, and creativity. The peer will be asked to work one-on-one with a student or lead a group activity.

VOLUNTEER STATE CLASSES

GRADE LEVEL: 11, 12

In conjunction with Volunteer State Community College, the following courses may be offered at Portland High School provided that at least 15 students register for each class. Each course passed will earn college credit.

Students must be enrolled in Volunteer State Community College. APPLICATIONS are online @ www.volstate.edu. **Cost: Based on Volunteer State Community College tuition rate which may change after June 2016.** Books are not included in the cost. Students may be eligible for the Dual Enrollment Grant which, at the time of the publication of this catalog, could cover the cost of up to two courses per semester (grant eligibility and any costs associated with Dual Enrollment can change at any time). See PHS Guidance Office for more information.

Courses currently being offered through Dual Enrollment include but are not limited to:

HONORS DUAL ENROLLMENT COLLEGE ALGEBRA (MATH 1130)-3 college credit hours

GRADE LEVEL: 12

PREREQUISITE: *ACT Math score of 19; 3.0 GPA in mathematics courses*

This course is designed for seniors who want to combine college and high school credit and still meet requirements for high school graduation. It is equivalent to a college algebra class and enables a student to earn three credit hours from Volunteer State Community College.

HONORS DUAL ENROLLMENT ENGLISH IV* (ENGL 1010 & 1020/Composition I & II)-6 college credit hours

GRADE LEVEL: 12

PREREQUISITE: *ACT English subscore of 18; ACT reading subscore of 19; 3.0 GPA in English courses.*

These courses enable a student to earn six credit hours from Volunteer State Community College.

English 1010 Composition I introduces writing expository compositions based primarily on analysis of essays and literary works. *English 1020 Composition II* emphasizes writing compositions based on issues raised in essays and literary works.

HONORS DUAL ENROLLMENT INTRODUCTION TO FILM (ENGL 1030)-3 college credit hours

GRADE LEVEL: 11, 12

PREREQUISITE: *ACT English and Reading subscores of 19; 3.0 GPA in English courses*

A general education course designed to meet the fine arts requirement. This course provides an introduction to and overview of film as an art form; emphasis is on understanding the nature of film and its place in culture, with overviews of the history and theory of film and the production process. Introduction to film counts as a required Fine Art credit in the college curriculum.

HONORS DUAL ENROLLMENT GENERAL PSYCHOLOGY (PSY 101)-3 college credit hours

GRADE LEVEL: 11, 12

PREREQUISITE: *ACT English and Reading subscores of 19; 3.0 GPA in Social Studies courses*

This course is designed to provide an overview of the field of psychology and human behavior. The topics of philology, history, biology, learning, personality, abnormal behavior, treatment, applied memory, intelligence, motivation, consciousness, perception, and sensory are included. This course enables a student to earn three credit hours from Volunteer State Community College.

HONORS DUAL ENROLLMENT FUNDAMENTALS OF SPEECH (COM 100)-3 college credit hours

GRADE LEVEL: 11, 12

PREREQUISITE: *ACT English subscore of 18; ACT reading subscore of 19; 3.0 GPA in English courses*

This course is an introduction to the communication process, interpersonal communication, group discussion, and public speaking. Students are required to prepare and deliver speeches. This course enables a student to earn three credit hours from Volunteer State Community College.

PHS Academic Elective Focus Offerings 16-17

(Please check the Registration Catalog for prerequisites.)

<u>AP – Choose 3</u>	<u>Math/Science-Choose 10</u> <i>(7 of the 10 are normal graduation requirements)</i>	<u>Humanities – Choose 12</u> <i>(9 of the 12 are normal graduation requirements)</i>
<p>AP European History I & II AP US History I & II AP Biology I & II AP Calculus AB I & II AP English III I & II AP English IV I & II</p> <p><u>Fine Arts – Choose Any 4</u> <i>(1 of the 4 is the normal graduation requirement.)</i></p> <p>Visual Art I Visual Art II Visual Art III Visual Art IV – Studio Art</p> <p>Theatre Arts I Theatre Arts II Theatre Arts III Technical Theatre Arts</p> <p>Dance</p> <p>Hon Dual Enrollment Intro to Film</p> <p>Hon Dual Enrollment Speech</p> <p>Music Theory I Music Theory II PHS Choir PHS Ensemble Instrumental Music (Band)</p>	<p>Algebra IA & IB Algebra I Honors Algebra IIA & IIB Algebra II – Standard or Honors Geometry-Standard or Honors Bridge Math Adv. Algebra/Trig–Honors Pre-Calculus – Standard or Honors AP Calculus AB I & II Hon Dual Enrollment College Alg.</p> <p>Agriscience – Standard or Honors Physical Science–Standard or Honors Biology I – Standard or Honors Chemistry I – Standard or Honors Physics – Standard or Honors Honors Biology II Anat & Phys –Standard or Honors AP Biology I & II</p>	<p>English I – Standard or Honors English II – Standard of Honors English III – Standard or Honors English IV – Standard of Honors AP English III – Rhetoric & Comp AP English IV – Lit & Comp Hon Dual Enrollment English IV Shakespeare Introductory Speech Intermediate Speech</p> <p>Spanish I – Standard or Honors Spanish II – Standard or Honors Spanish III - Honors French I – Standard or Honors French II – Standard or Honors French III - Honors</p> <p>Personal Finance US History – Standard or Honors AP US History I & II World History – Standard or Honors US Govt - Standard or Honors Economics – Standard or Honors Psychology – Standard or Honors Hon Dual Enrollment Psychology Sociology – Standard</p>

PHS Career & Technical Elective Focus Offerings 16-17

(Choose 3 in one area. Please check the Academic Catalog for prerequisites.)

<p>Agriculture, Food, & Natural Resources</p> <p><u>Ag Engineering & Applied Technology</u> Agriscience (9,10) Principles of Ag Mechanics (10,11) Ag Power & Equipment (11,12)</p> <p><u>Veterinary & Animal Science</u> Agriscience (9,10) Small Animal Science (10,11,12) Veterinary Science (11,12)</p> <p><u>Horticulture Science</u> Agriscience (9,10) Prin of Plant Science & Hydro. (10) Greenhouse Management (11,12)</p> <p>Architecture & Construction</p> <p><u>Architectural & Engineering Design</u> Architectural & Engineering Design I (9,10,11) Architectural & Engineering Design II (10,11) Architectural & Engineering Design III (11,12)</p> <p><u>Welding</u> Principles of Manufacturing for Welding (10) Welding I (11) Welding II (11) Welding III (12) Manufacturing Practicum/Weld. (12)</p> <p style="text-align: center;">Arts, Audio/Visual Technology & Communications</p> <p><u>Fashion Design</u> Visual Art I (9,10,11,12) Foundations of Fashion Design (9,10,11,12)</p>	<p>Business Management & Administration</p> <p><u>Office Management</u> Computer Apps (9,10,11,12) Business Comm.(10,11,12) Business Management (10,11,12) Adv. Computer Apps (10,11,12)</p> <p><u>Business Management</u> Computer Apps. (9,10,11,12) Business Comm. (10,11,12) Business Management (10,11,12) Hon Virtual Enterprise (11,12)</p> <p style="text-align: center;">Education & Training</p> <p><u>Teaching as a Profession (K-12)</u> Fund. of Education (9,10,11,12) Teach. as a Profession (10,11,12)</p> <p style="text-align: center;">Finance</p> <p><u>Banking & Finance</u> Computer Applications (9,10,11,12) Banking & Finance (11,12)</p> <p style="text-align: center;">Health Science</p> <p><u>Therapeutic Nursing Services</u> Health Science Edu. (9,10,11) Medical Therapeutics (10,11,12) Anatomy & Physiology (11,12) Nursing Education (11,12)</p> <p><u>Diagnostic Services</u> Health Science Educ. (9,10,11) Anatomy & Physiology (11,12) Diagnostic Medicine (10,11,12)</p> <p style="text-align: center;">Human Services</p> <p><u>Social Health Services</u> Intro to Human Studies (9,10) Lifespan Development (10,11,12) Family Studies (10,11,12) Psych. and/or Soc. (11,12)</p>	<p><u>Dietetics & Nutrition</u> Intro to Human Studies (9,10) Nutrition Across the Lifespan (10,11,12) Psychology and/or Sociology (11,12)</p> <p><u>Cosmetology</u> Principles of Cosmetology (10) Design of Principles of Cosmetology (11,12) Chemistry of Cosmetology (11,12)</p> <p style="text-align: center;">Law, Public Safety, Corrections, & Security</p> <p><u>Law Enforcement Services</u> Prin of Law, Corrections, & Security (9,10) Criminal Justice I (10,11) Criminal Justice II (11) Criminal Justice III: Investigation (12)</p> <p style="text-align: center;">Manufacturing</p> <p><u>Machining Technology</u> Principles of Manufacturing for Machining (9,10) Principles of Machining I (9,10) Principles of Machining II (11) Mfg. Practicum/Machining (12)</p> <p style="text-align: center;">Marketing</p> <p><u>Entrepreneurship</u> Marketing I (9, 10,11,12) Hon Virtual Enterprise (11,12)</p> <p><u>Marketing Management</u> Marketing I (9,10,11,12) Marketing II (10,11,12) Advertising & Public Relations (10,11,12)</p>
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