

# **GALLATIN HIGH SCHOOL**

**2022-23 COURSE CATALOG**

*Home of Green Wave Pride*

**GREEN LIGHT SPECIAL REGISTRATION**

**JULY 25 & 26, 2022**



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# GRADUATION REQUIREMENTS

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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, Special Education Diploma, Occupational 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.
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 to students with disabilities at the end of their fourth year of high school who have (1) not met the requirements for a regular high school diploma, (2) received special education services or supports and made satisfactory progress on an IEP, (3) have satisfactory records of attendance and conduct, (4) have completed the Occupational Diploma SKEMA created by TN Dept of Education, and (5) have completed two 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 grade year or two academic years prior to the expected graduation date. Students who obtain the occupational diploma may continue to work toward a regular high school diploma through the end of the school year in which they turn twenty-two years old.
4. An alternate academic diploma may be awarded to students with the most significant cognitive disabilities at the end of their fourth year of high school who have (1) participated in the high school alternate assessments, (2) earned the prescribed twenty-two credit minimum, (3) received special education services or supports and made satisfactory progress on an IEP, (4) have satisfactory records of attendance and conduct, and (5) have completed a transition assessment that measures postsecondary education and training, employment, independent living, and community involvement. A student who earns an alternate academic diploma shall continue to be eligible for special education services under IDEA until the student receives a regular high school diploma or through the school year in which the student turns twenty-two.

### (b) High School Diploma

The following 26 units shall be required for graduation:

|   |     |
|---|-----|
| 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..... | 4   |
| Total.....                              | 26  |

\* 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.

\*\*\* The social studies curriculum shall include United States History & Geography, World History & Geography, Economics, and US Government & Civics.

\*\*\*\* In exceptional circumstances, schools may waive the foreign language and fine art requirement for students who are not planning to attend a university to expand and enhance their elective focus.

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

**Eleventh Grade Assessment:** To receive a regular high school diploma, all students enrolled in a TN public school during their 11<sup>th</sup> grade year must take the ACT.

**United States Civics Test:** All high school students shall pass a United States Civics Test.

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## OTHER POLICIES

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### **Classification of Students**

Students will be classified by credits earned. Entering students will be classified as freshmen. For freshmen to become sophomores, students must earn six (6) credits, twelve (12) credits to be considered a junior, and eighteen (18) credits to be considered a senior. Seniors in range of graduation will fall under the Senior Warning Procedures.

### **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) Student initiated schedule changes may be requested during the first two days of the term and are subject to approval by the school administration.
- (3) Students enrolled in courses with End of Course examinations may not withdraw from such courses for the remainder of the course after being enrolled in the course for at least 25% of the instructional days in the course. Other schedule changes may be made during the term if extenuating circumstances exist and the school administration approves the changes.

### **Honors Course Designation**

Sumner County's list of minimum and maximum credits designates courses which may be awarded honors credit in the academic core curriculum areas of English, math, social studies, science, and foreign language. Dual enrollment and dual credit courses are considered honors level courses and will receive credit as such.

### **AP Special Circumstances**

At the discretion of each high school, elective courses may be available in conjunction with College Board Advanced Placement. These elective courses will carry honors level or AP credit at the discretion of each high school depending on staff available and the master schedule.

### **Private School / Home School Statement**

A pupil requesting enrollment in a Sumner County high school will be required to meet all enrollment criteria as set forth by the Sumner County Board of Education, including state-required vaccination records (TCA 49-6-3050). Pupils transferring from schools (private or home schools) which are not approved by the State Board of Education shall be allowed credit only when they pass a course-specific comprehensive examination or a state-recognized standardized test with a score of 70% or higher. These examinations and tests are to be administered and graded by the principal or designee.

Pupils from schools not approved by the State Board of Education requesting enrollment in the 9th grade will be placed in classes based on passing a grade-specific comprehensive written examination(s) administered and graded by the student's zoned middle school. Pupils requesting enrollment in the 10th, 11th, or 12th grades will receive credits and be placed in classes based on passing a course specific comprehensive written examination(s) [with the exception of American/US History], administered and graded under the supervision of the principal or his/her designee of the high school at which the student is seeking enrollment. Upon earning a passing score (70% or higher) on the examination, the transfer grade will be recorded on the Sumner County transcript. Special circumstances needing individualized determinations will be addressed by the building administrator, school counselor and instructional coordinator.

### **Sumner Virtual Academy**

Sumner County Schools provides an alternate method of instructional delivery to families who have selected the need for 100% online learning for their children, when deemed necessary by SCS. For more information, visit <https://virtual.sumnerschools.org>

### **Credit Recovery**

Credit Recovery is a course specific, standards-based extended learning opportunity for students who have previously been unsuccessful in the typical classroom in mastering content or skills required to receive course credit. 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. The Credit Recovery grade will be recorded on the student's transcript as a separate grade and will be calculated into the student's GPA. It will replace the "F" in the original course. The NCAA Clearinghouse will not accept a Credit Recovery course for credit to satisfy college athletic eligibility requirement.

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## SUMNER COUNTY ACADEMIC RECOGNITION/GPA

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| 4 Tiers of Recognition   | Cumulative GPA | Minimum Honors and AP Credits |
|--------------------------|----------------|-------------------------------|
| 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                 |

With the exception of transfer students, this academic recognition plan includes all credits attempted by students for all 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, four points for dual credit courses, and five points on the final numerical grade for an Advanced Placement course).

1. 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 credits at the honors and AP levels. For purposes of ranking valedictorian and salutatorian, only classes in a student's schedule, (not to exceed nine credits annually) will count in the number of honors and AP credits. Therefore, any virtual class taken in addition to a student's typical school schedule will not be counted in the number of honors and AP credits.
2. If the GPA and the number of credits 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 credits within that tier. Students other than valedictorian and salutatorian will be recognized only by the tier in which they fall not by a specific number.
3. Credits earned prior to entering the ninth grade will not be included in the computation of grade point average and academic recognition.
4. No transfer course will be awarded honors or AP credit unless so designated on the transcript. Honors and Advanced Placement transfer credit will be accepted only from schools accredited by the Tennessee Department of Education or those accredited by agencies approved by the Tennessee Department of Education.
5. Sumner County Schools will honor the letter grades reflected on the transcript of the transferring student from the Tennessee Department of Education's list of approved schools at <http://tn.gov/education/topic/non-public-schools>.
6. To be named valedictorian or salutatorian, a student must be enrolled in the high school the last five of the eight terms in school. It is possible, however, for a transfer student with fewer than the last five of the eight terms to share the position of valedictorian or salutatorian.

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## GRADUATION DISTINCTIONS

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### State Honors

Students who score at or above all of the subject area readiness benchmarks on the ACT will graduate with state honors. (English-18, Math-22, Reading-22, Science-23)

### State Distinction

Students will be recognized as graduating with state distinction by attaining a B average AND completing at least one of the following:

- Earn a nationally and/or state recognized industry certification
- Participate in at least one of the Governor's Schools
- Participate in one of the state's All State musical organizations
- Be selected as a National Merit Finalist or Semi-Finalist
- Earn statewide recognition or award at a skill or knowledge based state tournament, convention, or competition hosted by a statewide student organization, and/or qualify for national recognition by a national student organization
- Attain a score of 31 or higher composite score on the ACT
- Attain a score of 3 or higher on at least two advanced placement exams
- Earn 12 or more semester hours of transcribed postsecondary credit (dual enrollment)

### District Distinction

Students shall be recognized as graduating with district distinction if they have met the graduation requirements, have obtained an overall GPA of at least a 3.0 or higher on a 4.0 scale, and have earned an industry certification in his or her career interest category or a regionally recognized industry certification.

### **Tennessee Tri-Star Scholar**

A student who earns a composite score of 19 or higher on the ACT, or an equivalent score on the SAT, and earns a capstone industry certification as promoted by the Department of Education, shall be recognized as a TN Tri-Star Scholar upon graduation from high school. The public high school shall recognize the student's achievement at the graduation ceremony by placing an appropriate designation on the student's diploma or other credential. The student shall be noted as a Tennessee Tri-Star Scholar in the school's graduation program.

### **Tennessee Seal of Biliteracy**

LEAs shall recognize students who have attained a high level of proficiency in speaking, reading, and writing in 1 or more languages in addition to English with a Seal of Biliteracy. Students receiving this recognition shall meet the following criteria:

- Complete all English language arts requirements for graduation with an overall grade point average of 3.0 or higher in those classes;
- Demonstrate English proficiency through one of the following:
  - I. Score 3 or higher on an Advanced Placement English Language or English Literature exam;
  - II. Score 22 or higher on the ACT Reading subtest or 480 or higher on the SAT evidence-based reading and writing subtest; or
  - III. Score 4.5 or higher on the WIDA Access, if the student is an English learner; AND
  - IV. Score at the advanced, on-track, or mastered level on each English language arts End of Course assessment taken (excluding End of Course assessments taken during the student's final semester prior to early graduation); and
- Achieve a passing score on a nationally recognized foreign language proficiency assessment. If a nationally recognized foreign language assessment is not available, LEAs may develop other appropriate methods for students to demonstrate proficiency, such as through a portfolio. Any alternate model must address communication, cultures, connections, comparisons, and communities. OR score 3 or higher on an Advanced Placement world language exam.

Each local board shall affix an appropriate insignia to the diploma or transcript of the qualifying pupil indicating that such pupil has been awarded a Tennessee Seal of Biliteracy.

### **Community Service**

Students that voluntarily complete at least 10 hours of community service each semester the student is in attendance at a public high school shall be recognized at their graduation ceremony.

*Each school is authorized under Sumner County Board of Education approval of this guide to prescribe a manner in which "state honors," "state distinction," and/or any of the above will be noted and recognized at graduation.*

# 2022-23 COURSE OFFERINGS

## ENGLISH

*Students will not normally be allowed to take more than one English class each year unless he/she has failed a previous English class and must retake the class in the next school year. In that case, the student would repeat the failed course in the fall semester in order to catch up to grade level English.*

*Honors, Advanced Honors, and AP English courses require that students participate in the Summer Reading Program. Information concerning this program can be obtained from the school website at <http://ghs.sumnerschools.org>*

### Resource English I, II, III, and IV

**Pre-requisite:** Per IEP

This course is designed to provide English instruction for students who have a special need in this subject.

**CREDIT:** 1 per year  
**GRADE:** All

### English Language Learner

**Pre-requisite:** Teacher Approval

This course is designed to provide English instruction for students who have are not native English-speaking students.

**CREDIT:** 1-2 per year  
**GRADE:** All

### English I – Standard

**Pre-requisite:** English Placement and/or Standardized Test determines placement

This course includes grammar and sentence structure review with a focus on building writing units. Students will be introduced to the elements of both fiction and nonfiction literature that will prepare them to analyze these elements in subsequent works of literature. An informative research project will introduce the fundamentals of research. Vocabulary activities will emphasize identifying word parts and using context clues.

**CREDIT:** 1  
**GRADE:** 9

### English I – Honors

**Pre-requisite:** English Placement and/or Standardized Test determines placement

Elements of fiction and nonfiction will be introduced and a focus on analyzing their uses in literature will be emphasized. Writing instruction will include developing strong paragraphs and multi-paragraph essays. Students will be introduced to research techniques and will write multiple research papers. Students will explore all types of literature and analyze the various literary devices used.

**CREDIT:** 1  
**GRADE:** 9

### English I – Advanced Honors

**Pre-requisite:** English Placement and/or Standardized Test determines placement

This course will go above and beyond Honors English I with a strong focus on critical thinking and writings skills. Students will be prepared for Advanced Placement courses by taking this academic path.

**CREDIT:** 1  
**GRADE:** 9

### English II – Standard

**Pre-requisite:** English I

This course is designed to develop students' proficiency in writing paragraphs and the developing essays. Appropriate vocabulary assignments will be included. Literature assignments will include a variety of short stories and novels will be read.

**CREDIT:** 1  
**GRADE:** 10

### English II – Honors

**Pre-requisite:** Eng I Hon w/ B avg or higher, Eng I Std w/ A avg

This course emphasizes all aspects of advanced composition. Use of the word processor in composition will be encouraged. Students will learn and utilize basic research skills and will complete a persuasive research paper. Selected novels will also be read and analyzed. Students will study advanced vocabulary with a focus on the development of an extensive vocabulary.

**CREDIT:** 1  
**GRADE:** 10

### English II – Advanced Honors

**Pre-requisite:** Eng I Adv Hon w/ B avg or higher, Eng I Hon w/ A avg

This course will go above and beyond Honors English II with a strong focus on critical thinking and writing skills. Students will be prepared for Advanced Placement courses during Junior and Senior years by taking this academic path. NOTE: This course is taken in conjunction with Advanced Placement European History for both semesters.

**CREDIT:** 1  
**GRADE:** 10

### English III – Standard

**Pre-requisite:** English II

This course will include assignments from appropriate grade level vocabulary, composition and reading materials. Reading assignments will be chosen on a variety of topics from conventional American literature anthologies and library resources. Students will be encouraged to improve their speaking and listening skills. Newspapers will be used to stimulate an interest in current events.

**CREDIT:** 1  
**GRADE:** 11

### English III – Honors

**Pre-requisite:** Eng II Hon w/ B avg or higher, Eng II Std w/ A avg

In the Junior year, students will cover the majority of the American Literature anthology. Appropriate preparation for both ACT and PSAT will be included. A comprehensive vocabulary study will be undertaken, and students may be asked to complete a research

**CREDIT:** 1  
**GRADE:** 11

paper. College-level composition assignments as well as demanding homework assignments will be required. Appropriate novels chosen by the teacher and English department will be read.

**English III - Advanced Honors**

**CREDIT: 1  
GRADE:11**

**Pre-requisite: Eng II Adv Hon w/ B avg or higher, Eng II Hon w/ A avg**

This course will go above and beyond Honors English III. Students will cover the majority of the American Literature anthology. Appropriate preparation for both ACT and PSAT will be included. A comprehensive vocabulary study will be undertaken, and students may be asked to complete a research paper. College-level composition assignments as well as demanding homework assignments will be required. Appropriate novels chosen by the teacher and English department will be read. NOTE: This course is taken in conjunction with Advanced Placement American History for both semesters.

**AP Access English Language (Virtual)**

**CREDIT: 1  
GRADE:11, 12**

**Pre-requisite: Eng II Hon or Adv Hon w/ B avg or higher**

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. This is a course designed to prepare students for the Advanced Placement Examination taken in May of each school year. Students taking this course are expected to take the AP exam. NOTE: This course is taken virtually. It can be part of your regular schedule or can be taken as an extra class. This class can be taken as your English III required class or it can be taken in addition to your traditional English III require class.

**English IV – Standard**

**CREDIT: 1  
GRADE: 12**

**Pre-requisite: Eng III**

This course will include assignments from appropriate grade level vocabulary, composition, and reading materials. Reading assignments will be chosen on a variety of topics from conventional British literature anthologies and library resources. Students will be encouraged to strengthen their speaking and listening skills. Special emphasis will be included on a variety of useful business-related skills, such as completing forms, compiling data, completing resumes, and writing reports. Newspapers and periodicals will be used to stimulate an interest in current events.

**English IV – Honors.**

**CREDIT: 1  
GRADE: 12**

**Pre-requisite: Eng III Hon w/ B avg or Eng III w/ A avg**

This course will encompass the description from English IV Standard while topics and assignments will go further in-depth to demonstrate higher conceptualization of the material.

**English IV – Advanced Placement (Spring)**

**CREDIT: 1  
GRADE: 12**

**Pre-requisite: Eng III Adv Hon w/ B avg or higher, Eng III Hon w/ A avg**

This is an introductory college-level literary analysis course. Students will cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works. This is a course designed to prepare students for the Advanced Placement Examination taken in May of each school year. Students taking this course are expected to take the AP exam.

**English IV - Dual Enrollment**

**CREDIT: 1  
GRADE: 12**

**Pre-requisite: ACT score of 18 on the English and 19 on the Reading section**

The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day here on campus at GHS. This course consists of English 1010 and 1020 at the college level. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 6 college credit hours.

**ACT Prep**

**CREDIT: 0.5  
GRADE: 11**

**Pre-requisite: Eng I & II**

This class is designed to allow students to learn, practice, and internalize strategies that are essential for life-long learning skills including reading, understanding, and interpreting content specific materials in English, mathematics, and science. Students will learn important strategies including skimming, previewing, summarizing, interpreting, synthesizing, evaluating, and applying information through ongoing work with ACT tests. Students will take ACT practice assessments.

**MATHEMATICS**

*Careful analysis of the academic ability of students who enter Gallatin High School is undertaken to ensure the proper placement of students in their academic courses. We use data from placement tests, standardized testing, and prior math performance to accurately place students in Math courses in which they will be most successful.*

|  | 9 <sup>th</sup> GRADE | 10 <sup>th</sup> GRADE | 11 <sup>th</sup> GRADE | *12 <sup>th</sup> GRADE            |
|--|-----------------------|------------------------|------------------------|------------------------------------|
| <b>ADV HONORS<br/>(Beg w/ 22-23)</b>   | AH Alg I-Fall         | AH Geom                | AH PreCal              | *H Calc-Fall                       |
|  | AH Alg II-Spring      |                        |                        | *AP Calc-Spring                    |
| <b>HONORS</b>  | H Alg I               | H Geom                 | H Alg II               | *H PreCal, DE Stats,<br>or DE Alg  |
| <b>STANDARD</b>  | Alg I Pt. 1           | Geom                   | Alg II Pt. 1           | *Bridge, SAILS, or<br>Applied Math |
|  | Alg I Pt. 2           |                        | Alg II Pt. 2           |                                    |
| <b>RESOURCE<br/>(per IEP)</b>  | Math Foundation-Fall  | Alg IB                 | Geom A                 | *Geom B                            |
|  | Alg IA-Spring         |                        |                        |                                    |
| *12 <sup>th</sup> Grade math options will be based on performance in previous math classes, score on the ACT Math test, and anticipated college major. |                       |                        |                        |                                    |



|  |                      |
|--|----------------------|
| <b>Math Foundations – Resource (Fall)</b>  | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Per IEP</b>  | <b>GRADE: 9</b>      |
| This course is designed to prepare students for Algebra I. The students will cover skills with integers and one and two-step equations. The skills needed for the Gateway Algebra exam will be introduced.   |                      |
| <b>Algebra I A- Resource (Spring)</b>  | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Per IEP</b>  | <b>GRADE: 9</b>      |
| Students will work on skills including factoring, integers, and variables. A graphing calculator will be heavily used.   |                      |
| <b>Algebra I B- Resource</b>   | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Per IEP</b>  | <b>GRADE: 10</b>     |
| Students will continue working on skills necessary to take and pass the Algebra 1 End of Course Test. A graphing calculator will be heavily used.  |                      |
| <b>Algebra I - Standard Part 1 &amp; 2 (Fall &amp; Spring)</b>   | <b>CREDIT: 2</b>     |
| <b>Pre-requisite: Math Placement and/or Standardized Test determines placement</b>   | <b>GRADE: 9</b>      |
| Working with variables, solving algebraic equations, working with linear equations and inequalities, factoring, quadratic functions, and graphing concepts will be covered in this year-long course. Students must master the objectives covered on the state mandated Algebra Exam taken at the conclusion of the Algebra I Part 2 course.  |                      |
| <b>Algebra I – Standard Repeater (Fall)</b>  | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Algebra I</b>  | <b>GRADE: 10</b>     |
| This course is designed to help students who have not successfully completed Algebra I.  |                      |
| <b>Algebra I – Honors</b>  | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Math Placement and/or Standardized Test determines placement</b>   | <b>GRADE: 9</b>      |
| Students enrolling in this course should have excellent arithmetic skills and a better-than-average understanding of all pre-algebra concepts covered in middle school. The course covers all of the objectives of Algebra I Standard and several more with a focus on critical thinking problems designed to extend the curriculum. Students will be required to complete more work outside of class at a much quicker pace and work extensively with graphing calculator technology. Students must master the objectives covered on the state mandated Algebra Exam taken at the conclusion of the course. |                      |
| <b>Algebra I - Advanced Honors (Fall)</b>  | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Math Placement and/or Standardized Test determines placement</b>   | <b>GRADE: 9</b>      |
| This course will go above and beyond Honors Algebra I with a strong focus on critical thinking and problem solving. This course is designed for students who are preparing to take AP Calculus. Students will be required to complete more work outside of class including projects. The graphing calculator will be used extensively.   |                      |
| <b>Geometry A - Resource</b>   | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Per IEP</b>  | <b>GRADE: 11</b>     |
| This course incorporates the first half of core geometric concepts required in a standard geometry course but at a pace more appropriate for those students with special needs.  |                      |
| <b>Geometry B - Resource</b>   | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Per IEP</b>  | <b>GRADE: 12</b>     |
| This course incorporates the second half of core geometric concepts required in a standard geometry course but at a pace more appropriate for those students with special needs.   |                      |
| <b>Geometry – Standard</b>   | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Algebra I</b>  | <b>GRADE: 10</b>     |
| This course is designed to develop and utilize critical thinking and reasoning skills in problem solving using geometric concepts. Students must master the objectives covered on the state mandated Geometry Exam taken at the conclusion of the course.  |                      |
| <b>Geometry – Honors</b>   | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Algebra I Hon w/ B avg or higher; Algebra I Part 2 w/ A avg</b>  | <b>GRADE: 10</b>     |
| This course is designed to move at a quick pace with students who are college bound and plan to enter a field related to math or science. In depth reasoning skills involving geometric principles will be required. Proofs will also be explored.   |                      |
| <b>Geometry - Advanced Honors</b>  | <b>CREDIT: 1</b>     |
| <b>Pre-requisite: Algebra I &amp; II Adv Hon w/ B avg or higher</b>  | <b>GRADE: 10</b>     |
| This course is designed for students who are preparing to take AP Calculus. Students enrolled in this course will be expected to do more independent study and critical thinking than is required in other math courses. Strong emphasis will be given to logical development of geometric concepts and rigorous proof. NOTE: This class will begin in the 23-24 school year.  |                      |
| <b>Algebra II – Standard Part 1 &amp; 2 (Fall &amp; Spring)</b>  | <b>CREDIT: 2</b>     |
| <b>Pre-requisite: Algebra I &amp; Geometry</b>   | <b>GRADE: 11</b>     |
| Algebra II is designed for students committed to entering some type of post high school academic program. Students will be expected to work many practice problems to ensure mastery. Key algebraic concepts will be explored and expanded. The use of graphing calculator technology is a vital part of this course. An end-of-course exam created by the State is mandated at the conclusion of the Part 2 course.   |                      |
| <b>Algebra II – Standard One Semester &amp; Repeaters (Fall)</b>   | <b>CREDIT: 1</b>     |
| <b>Pre-requisite Options: 1) Alg I Pt2 &amp; Geom 90+avg or 2) Geom Hon 70+ avg or 3) Alg II repeaters</b>   | <b>GRADE: 11, 12</b> |
| Algebra II is designed for students pursuing some type of post high school academic program. Students will be expected to work many practice problems to ensure mastery. The use of graphing calculator technology is essential to this course. Key algebraic concepts will be explored and expanded. The pace of this class is swift. To ensure success, students from Pre-requisite option 1 above are expected  |                      |



to also enroll in the corresponding teacher's enrichment for the attributed semester. Students from Pre-requisite options 2 & 3 may choose whether or not to enroll in the corresponding enrichment but may not enroll in a credit-bearing enrichment. Teacher reserves the right for options 2 & 3 students to move to the corresponding enrichment if the student begins to struggle. An end-of-course exam created by the State is mandated at the conclusion of the course.

### **Algebra II – Honors**

**Pre-requisite: Algebra I Hon & Geometry Hon w/ B avgs or higher**

**CREDIT: 1  
GRADE: 11**

This course is designed for students pursuing a four-year education after high school. The use of graphing calculator technology is essential to this course. Key algebraic concepts will be explored and expanded in great detail. Students will be expected to complete more independent work. The pace of the class is swift. An end-of-course exam created by the State is mandated at the conclusion of the course.

### **Algebra II - Advanced Honors.**

**Pre-requisite: Geometry Adv Hon w/ B avg or higher**

**CREDIT: 1  
GRADE: 9, 10**

This course is designed for students who are preparing to take AP Calculus. Students enrolled in this course will be expected to do more independent study and critical thinking than is required in other math courses. Functions, matrices, sequences, series, probability, and complex equation solving techniques will be given strong emphasis. The use of graphing calculator technology is of key importance in this course. An end-of-course exam created by the State is mandated at the conclusion of the course.

### **Precalculus - Advanced Honors**

**Pre-requisite: Algebra II Adv Hon w/ B avg or higher**

**CREDIT: 1  
GRADE: 11**

This course is designed for students who are preparing to take AP Calculus. Graphing calculator technology will be used to expand the curriculum to include more critical thinking and rigorous analysis of mathematical concepts. The course will move at a swift pace, and students will be expected to complete a great deal of independent work and study. Strong emphasis on application and graphical analysis will be used to build mathematical intuition as a tool to extend strategies to solve a variety of problems. NOTE: This class will begin in the 23-24 school year.

### **Precalculus – Honors (Fall)**

**Pre-requisite: Alg I Hon, Geom Hon, Alg II Hon & ACT Math Score of 23+ is recommended**

**CREDIT: 1  
GRADE: 12**

This course is designed for the student who plans to seek a math or science related major as part of a four-year college education. An in-depth study of the applications, interrelationships, and terminology of mathematics will be emphasized. Students will work at a quick pace while utilizing graphing calculator technology to improve critical thinking and reasoning abilities.

### **Applied Math – Standard**

**Pre-requisite: Alg I, Geom, Alg II & ACT Math Score of 19+ is recommended**

**CREDIT: 1  
GRADE: 12**

This course is designed for students interested in careers that use applied mathematics such as banking, industry, or human resources. Applied mathematical skills are utilized in problem solving, decision making, and solving contextual problems in real world situations.

### **Bridge Math -Standard**

**Pre-requisite: Algebra I, Geometry, Algebra II & ACT Math score of 18 or below is recommended**

**CREDIT: 1  
GRADE: 12**

This course is designed for students who need some preparation before taking college-level mathematics or entering the work force. This class may be used to complete the fourth mathematics credit required for graduation. Key algebraic concepts will be explored.

### **SAILS online**

**Pre-requisite: Algebra I, Geometry, Algebra II & ACT Math score of 16-18 is recommended**

**CREDIT: 1  
GRADE: 12**

This course is a dual-credit online course offered through the state of TN in conjunction with the TBR 2-year colleges. Students who scored close to the required 19 on the Math section of the ACT are highly encouraged to take this course. Good attendance, strong work ethic, and reliable computer and internet are REQUIRED. Upon completion, students earn both their fourth high school math credit and are able to bypass the college requirement of a remedial math course.

### **Dual Enrollment - Algebra**

**Pre-requisite: Algebra II & ACT Math score of 19+ is required**

**CREDIT: 1  
GRADE: 12**

This course is a traditional College Algebra course. Topics include rational and exponential expressions, the concept of functions: involving linear, quadratic, logarithmic and inverse functions. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

### **Dual Enrollment – Statistics**

**Pre-requisite: Algebra II & ACT Math score of 19+ is required**

**CREDIT: 1  
GRADE: 12**

This course is a traditional Statistics course. Emphasis will be placed on the practical applications of the analysis of data and the probability that certain assumptions may be true or even occur. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

### **Calculus – Honors (Fall)**

**Pre-requisite: Precalculus Advanced Honors w/ B avg or higher and Teacher Recommendation**

**CREDIT: 1  
GRADE: 11**

This course is designed as an introductory Calculus course for students who intend to pursue a career in a Math/Science field at a 4-year university. The first half of the AP Calculus curriculum is covered in this course. It will cover the properties and theorems of limits, continuity, and derivatives. The pace of the course is very swift and while graphing calculators will be used extensively, students will also be responsible for mastering materials without the aid of a calculator. This course is mandatory for all students who intend to enroll in Calculus Advanced Placement.

### **Calculus - Advanced Placement (Spring)**

**Pre-requisite: Calculus Honors & Teacher Recommendation**

**CREDIT: 1  
GRADE: 11**

This course is the culmination of a four-year program designed to prepare the student for the Advanced Placement Calculus AB Examination. The content of this course complies with all objectives and regulations mandated by the College Board. It includes

understanding the properties and theorems of limits, continuity, the derivative, the integral, approximation techniques, and understanding and applying differentiation and integration. Students will be expected to use graphing calculator technology to investigate concepts at a deeper level. Students will also be expected to complete much more independent study and practice than in other math courses.

### **AP Access Statistics (Virtual)**

**Pre-requisite:** Alg 2 Hon w/ B or higher

**CREDIT: 1**  
**GRADE: 11, 12**

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions. Students taking this course are expected to take the AP exam. NOTE: This course is taken virtually. It can be part of your regular schedule or can be taken as an extra class. It can count as your senior math requirement or can be taken in addition to your senior math.

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## **SCIENCE**

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*Careful analysis of the academic ability of students who enter Gallatin High School is undertaken to ensure the proper placement of students in their academic courses. We use data from placement tests and standardized testing to accurately place students in Science courses in which they will be most successful.*

### **Physical Science – Resource**

**Pre-requisite:** Per IEP

**CREDIT: 1**  
**GRADE: 9**

These courses are designed to provide science instruction for students who have special needs in this subject. The main theme of Physical Science is the study of matter and energy. This science fulfills one of the three laboratory science requirements needed for graduation.

### **Physical World Concepts – Standard and Honors**

**Pre-requisite:** Math Placement and/or Standardized Test determines placement

**CREDIT: 1**  
**GRADE: 9**

This course is intended to introduce students to many of the main principles of physics while utilizing a less mathematical and more real-world approach to explain how everyday events occur. Students will be required to use some basics algebra, perform experiments, interpret data and use higher order thinking skills to apply the principles of physics to everyday phenomena. The core topics of study include motion, force, energy, matter, sound, electricity, magnetism, light, and the atom.

### **Biology A – Resource**

**Pre-requisite:** Per IEP

**CREDIT: 1**  
**GRADE: 10**

This course is designed to provide science instruction in the first half of Biology for students who have special needs in this subject. This course will focus on the six Tennessee Biology Standards: 1) Cells; 2) Interactions; 3) Photosynthesis and Respiration; 4) Genetics and Biotechnology; 5) Diversity; 6) Biological Evolution.

### **Biology B – Resource**

**Pre-requisite:** Per IEP

**CREDIT: 1**  
**GRADE: 11**

This course is designed to provide science instruction in the first half of Biology for students who have special needs in this subject. This course will focus on the six Tennessee Biology Standards: 1) Cells; 2) Interactions; 3) Photosynthesis and Respiration; 4) Genetics and Biotechnology; 5) Diversity; 6) Biological Evolution. A state mandated examination will be given at the end of Biology B.

### **Biology I – Standard**

**Pre-requisite:** n/a

**CREDIT: 1**  
**GRADE: 10**

This course will focus on the six Tennessee Biology Standards: 1) Cells; 2) Interactions; 3) Photosynthesis and Respiration; 4) Genetics and Biotechnology; 5) Diversity; 6) Biological Evolution. A state mandated examination will be given at the end of this course.

### **Biology I – Honors**

**Pre-requisite:** Honors Math & Science

**CREDIT: 1**  
**GRADE: 10**

This course will focus on the six Tennessee Biology Standards: 1) Cells; 2) Interactions; 3) Photosynthesis and Respiration; 4) Genetics and Biotechnology; 5) Diversity; 6) Biological Evolution. A state mandated examination will be given at the end of this course. This class will require more independent study, projects, and laboratory skills than standard-level Biology.

### **Biology - Advanced Placement (6:30AM All Year)**

**Pre-requisites:** Honors Biology I

**CREDIT: 2**  
**GRADE: 11, 12**

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 upon completion.

### **Chemistry I – Standard**

**Pre-requisite:** Enrolled in or have completed Algebra II

**CREDIT: 1**  
**GRADE: 11**

This is an introductory course in chemistry for students who anticipate attending college. This branch of physical science deals with matter, energy, and their interaction. Physical and chemical properties of matter will be studied through laboratory investigation.

### **Chemistry I – Honors**

**Pre-requisite:** Enrolled in or have completed Honors Algebra II

**CREDIT: 1**  
**GRADE: 11**

This is an introductory course in chemistry for students who anticipate attending college. This branch of physical science deals with matter, energy, and their interaction. Physical and chemical properties of matter will be studied through laboratory investigation. This class will require more independent study, projects, and laboratory skills than standard-level Chemistry.

### **Chemistry II - Honors Lab**

**Pre-requisite: Chemistry I – Honors or Standard with a grade of C or better**

**CREDIT: 1  
GRADE: 11, 12**

Students who have any indication that they will be taking chemistry in college (medicine, engineering, agriculture) need to consider taking this course. Chemistry II involves extensive laboratory investigations from the making of aspirin and artificial odors to the identification of unknowns.

### **Physics – Standard**

**Pre-requisite: Enrolled in or have completed Algebra II**

**CREDIT: 1  
GRADE: 11**

Physics is the study of “what makes things tick” and why. Physics is the study of matter, motion, and energy. Demonstrations and laboratory exercises are an integral component of the course. This course is for students who want to improve in mathematics and problem-solving skills. This course will be beneficial to students who seek a university or vocational (ex. electricians, HVAC technician, auto mechanic, etc.) path for their education and career.

### **Physics – Honors**

**Pre-requisite: Enrolled in or have completed Honors Algebra II**

**CREDIT: 1  
GRADE: 11**

Physics is the study of “what makes things tick” and why. Physics is the study of matter, motion, and energy. Demonstrations and laboratory exercises are an integral component of the course. This course is for students who want to improve in mathematics and problem-solving skills. This course will be beneficial to students who seek a university or vocational (ex. electricians, HVAC technician, auto mechanic, etc.) path for their education and career. This class will require more independent study, projects, and laboratory skills than standard-level Physics.

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## **SOCIAL STUDIES**

*Students who select honors or advanced honors level social studies courses must also be enrolled in honors, advanced honors, or AP level English classes or have a teacher's recommendation.*

### **World History & Geography Resource**

**Pre-requisite: Per IEP**

**CREDIT: 1  
GRADE: 9**

This course is designed to provide World History & Geography instruction for students who have special needs in this subject.

### **World History & Geography – Standard**

**Pre-requisite: English Placement and/or Standardized Test determines placement**

**CREDIT: 1  
GRADE: 9**

The objective of this course is to help the student learn about the historical background of civilization so that each student may become a more knowledgeable and productive citizen of our democratic republic. The rise of modern nations during the Age of Revolutions and concludes with studies focused on the changing world of the 21st century.

### **World History & Geography – Honors**

**Pre-requisite: English Placement and/or Standardized Test determines placement**

**CREDIT: 1  
GRADE: 9**

This course will go above and beyond the Standard class. The objective of this course is to help the student learn about the historical background of civilization so that each student may become a more knowledgeable and productive citizen of our democratic republic. The rise of modern nations during the Age of Revolutions & concludes with studies focused on the changing world of the 21st century.

### **World History & Geography – Advanced Honors**

**Pre-requisite: English Placement and/or Standardized Test determines placement**

**CREDIT: 1  
GRADE: 9**

This course will go above and beyond Honors World History with a strong focus on critical thinking and writing skills. Students will be prepared for Advanced Placement courses during Sophomore, Junior, and Senior years by taking this academic path.

### **European History - Advanced Placement**

**Pre-requisite: An A or B in Advanced Honors World History or an A in Honors World History**

**CREDIT: 1  
GRADE: 10**

This course studies the large-scale social, economic, and political forces that shaped the character of European society from the Renaissance until the present. (Some attention will be given to the recovery from the damage which resulted from the fall of the Roman Empire and the developments of the Middle Ages which shaped the modern era.) Content includes the analysis of population, migrations, social and class structure, the role of women and children, and working conditions as well as the emergence of mass social and revolutionary movements. 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. NOTE: This course is taken in conjunction with Advanced Honors English II for both semesters.

### **US History – Resource**

**Pre-requisite: Per IEP**

**CREDIT: 1  
GRADE: 11**

This course is designed to provide American History instruction for students who have special needs in this subject.

### **US History – Standard**

**Pre-requisite: World History**

**CREDIT: 1  
GRADE: 11**

This inclusive survey course will emphasize the events of the 20th Century and their impact on current events. The political, military, and social trends of the last 100 years will be examined as will the personalities of the era.

### **US History – Honors**

**Pre-requisite: An A or B in Honors World History**

**CREDIT: 1  
GRADE: 11**

The aforementioned material will also apply to honors classes with the following additions: Outside work such as reports (written and oral), independent study of topics selected by the student after conferring with the instructor, and individual study or group study on topics pertaining to either current events or continuing “threads” (trends) in our nation's history.

### **US History - Advanced Placement**

**Pre-requisite: B or higher in AP Euro Hist, B or higher in Adv Hon World Hist, A in Hon World Hist**

**CREDIT: 1  
GRADE: 11**

This course is designed to provide students with both actual information about American history and the interpretative and analytical skills necessary to assess historical documents and other materials. Emphasis will be placed on writing and research. Standards for

admission must be met. Students will be expected to take the Advanced Placement Examination upon completion of this course.  
NOTE: This course is taken in conjunction with Advanced Honors English III for both semesters.

### **US Government and Civics & Economics-Resource**

**CREDIT: 0.5 each**

**Pre-requisite: Per IEP**

**GRADE: 12**

This course is designed to provide instruction in American Government and Economics for students who have special needs in this subject. NOTE: NJROTC I, II, & III can meet the US Government requirement.

### **US Government & Civics – Standard**

**CREDIT: 0.5**

**Pre-requisite: US History**

**GRADE: 12**

This course will focus on the principles of America's government and economic system. The U.S. Constitution, the three branches of government, due process, and state and local government will be emphasized in the government class. NOTE: NJROTC I, II, & III can meet the US Government requirement.

### **Economics – Standard**

**CREDIT: 0.5**

**Pre-requisite: US History**

**GRADE: 12**

Economics will focus on the basic principles of supply and demand, the free market system, and the macroeconomic concepts of unemployment and inflation as well as basic financial skills.

### **US Government & Civics – Honors**

**CREDIT: 0.5**

**Pre-requisite: A or B in Honors US History**

**GRADE: 12**

This honors level course will focus on the principles of America's government and economic system. The US Constitution, the three branches of government, due process, and state and local government will be emphasized in the government class. NOTE: NJROTC I, II, & III can meet the US Government requirement.

### **Economics – Honors**

**CREDIT: 0.5**

**Pre-requisite: A or B in Honors US History**

**GRADE: 12**

Economics will focus on the basic principles of supply and demand, the free market system, and the macroeconomic concepts of unemployment and inflation as well as basic financial skills.

### **US Government & Politics – Advanced Placement**

**CREDIT: 1**

**Pre-requisite: B or higher in an AP History or a B or higher in Honors History**

**GRADE: 12**

This course will provide students with an analytical perspective on government and politics in the United States. It includes the study of general concepts and analysis of specific examples. Students will become acquainted with the variety of theoretical perspectives and explanation for various behaviors and outcomes. Students will be expected to take the Advanced Placement Examination upon completion of this course. NOTE: This course is taken in conjunction with Honors Economics and Personal Finance for both semesters.

### **Personal Finance – Resource (Fall-one semester)**

**CREDIT: 0.5**

**Pre-requisite: IEP**

**GRADE: 12**

Personal Finance is a course designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. NOTE: NJROTC I, II, & III can meet the Personal Finance requirement.

### **Personal Finance – Standard**

**CREDIT: 0.5**

**Pre-requisite: n/a**

**GRADE: 12**

Personal Finance is a course designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. NOTE: NJROTC I, II, & III can meet the Personal Finance requirement.

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## **FOREIGN LANGUAGES**

*These classes are open to students in grades 10, 11, and 12. Standard courses are designed for students who are enrolled in Standard English classes. Honors courses are designed for students who are enrolled in Honors English classes. Resource English students should delay taking a foreign language until 12th grade. When possible, students should have a C or higher in English before taking foreign language.*

### **French I – Standard or Honors (Fall)**

**CREDIT: 1**

**Pre-requisite: Eng 1**

**GRADE: 10**

This course is an introduction to the speaking, writing, and understanding of basic French. Emphasis will be placed on simple reading and writing.

### **French II – Standard or Honors (Spring)**

**CREDIT: 1**

**Pre-requisite: French 1**

**GRADE: 10**

In this course, the development of intermediate skills in speaking, writing, and understanding French is stressed. Emphasis is also placed on pronunciation, grammar, and an introduction to French culture.

### **Spanish I - Standard or Honors (Fall)**

**CREDIT: 1**

**Pre-requisite: Eng 1**

**GRADE: 10**

Spanish I is an introduction to the basic sound system, vocabulary, and grammar of Spanish. Emphasis is placed on oral response and understanding along with simple reading and writing. In addition, some attention is given to cultural topics related to Spanish-speaking countries and to Hispanics in the United States.

### **Spanish Heritage I (Fall)**

**CREDIT: 1**

**Pre-requisite: Native Spanish speaker**

**GRADE: 10**

Spanish Heritage I provides instruction directed at a student's continued development of existing competencies in the Spanish Language. Students will acquire skills that range from learning grammar and spelling, developing socialized vocabulary through the study of other disciplines, to interpretation and analysis of different literary genres. Students will also increase their awareness and



appreciation of different Hispanic cultures. Student will compare and contrast language functions between Spanish and English and enhance their language skills in both languages. Spanish is used exclusively in the classroom.

**Spanish II - Standard or Honors (Spring)**

**CREDIT: 1**  
**GRADE: 10**

**Pre-requisite: Spanish 1**

Spanish II initially provides review and extension of the Spanish I curriculum. Then, it focuses on conversational vocabulary and grammatical formations that enhance communicative effectiveness. Some time is spent on various cultural concerns as well.

**Spanish Heritage II (Spring)**

**CREDIT: 1**  
**GRADE: 10**

**Pre-requisite: Spanish Heritage I**

Spanish Heritage II is designed for students who already speak, read, and write well in Spanish, but need help with vocabulary, spelling (including diacritical marks) and writing for specific purposes. We will continue grammar overview begun in Spanish Heritage I.

Throughout the course, students will be exposed to the various Hispanic cultures around the world, and short stories, poetry, and selections from novels by great Hispanic writers, past and present. Spanish is used exclusively in the classroom.

**WELLNESS & PHYSICAL EDUCATION**

**Wellness**

**CREDIT: 1**  
**GRADE: 9**

**Pre-requisite: n/a**

This course provides an integrated curriculum of physical education, health, and nutrition. The emphasis throughout will be on activities and information for sustaining lifelong wellness. NOTE: NJROTC I & II can meet the Wellness requirement.

**Physical Education**

**CREDIT: 0.5**  
**GRADE: 11, 12**

**Pre-requisite: n/a**

The numerous activities will include golf, racquetball, bowling, tennis, weight training, aerobics, table tennis, competitive volleyball, running, and walking. These activities provide carryover and intrinsic values for leisure time participation in lifetime activities. A fee may be required. NOTE: NJROTC I & II can meet the PE requirement.

**Physical Education (Aerobics)**

**CREDIT: 0.5**  
**GRADE: 11, 12**

**Pre-requisite: n/a**

Aerobics PE involves activities that promote aerobic well-being. Diverse types of aerobic activity will be the focus and students will learn about the benefits of such activities. NOTE: NJROTC I & II can meet the PE requirement.

**Dance**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

**Pre-requisite: B or higher in Wellness and Dance Teacher recommendation**

This course will include history of dance including the introduction to basic steps of ballet; country line dancing; Latin styles; steppin'; artists and dances relevant to eras from the 1940's to the present. Students enrolled must participate in the Talent Show. A fee may be required. NOTE: Dance can meet the Fine Art requirement.

**Weight Training and Conditioning**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

**Pre-requisite: B or higher in Wellness**

This course will include basic training techniques, 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.

**ELECTIVE FOCUS and CAREER & TECHNICAL EDUCATION**

*In Tennessee, students are required to complete three credits in an elective focus area. Students can select a focus area in Career Technical Education, Math & Science, Fine Arts, Humanities, ROTC, or AP. Each student should discuss their elective focus with his/her school counselor to ensure timely graduation.*

**AG: Agriculture, Food, & Natural Resources**

| PROGRAM OF STUDY            | LEVEL 1     | LEVEL 2                    | LEVEL 3               | LEVEL 4                                      |
|-----------------------------|-------------|----------------------------|-----------------------|--|
| Horticulture                | Agriscience | Landscaping & Turf Science | Greenhouse Management | n/a  |
| Veterinary & Animal Science | Agriscience | Small Animal Science       | Large Animal Science  | Vet Science (Fall)<br>Vet Clinicals (Spring) |

**Agriscience – Standard**

**CREDIT: 1**  
**GRADE: 9, 10, 11**

**Pre-requisite: n/a**

Agriscience is an introductory lab science course that prepares students for biology and subsequent agriculture courses. This course helps students understand the important role that agricultural science and technology serves in the 21st century. In addition, it serves as the first course for all programs of study in the Agriculture department.

**Agriscience – Honors**

**CREDIT: 1**  
**GRADE: 9, 10**

**Pre-requisite: Honors Science**

Agriscience is an introductory level course that consists of standards to prepare students for biology and subsequent sciences. The content area covers ecology, biological processes, sexual and asexual reproduction, and a study of the chemical and physical laws that govern life. This course helps students understand the important role science serves as the agricultural industry advances to meet the challenges of the 21st century. In addition, it serves as the first course for all programs of study in the Agriculture department. As an Honors course, students will explore the concepts in greater depth.

### **Landscaping and Turf Science**

**Pre-requisite: Agriscience**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Landscaping and Turf Science is designed to prepare students to work in the landscaping industry. Students will cover content areas of site analysis and planning, principles of design, and plant selection and care techniques. This course provides students with the technical knowledge and skills needed to prepare for a further education and careers in landscape production.

### **Greenhouse Management**

**Pre-requisite: Agriscience**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Greenhouse Management is 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. It provides students with the technical knowledge and skills needed to prepare for further education and careers in horticulture production.

### **Small Animal Science**

**Pre-requisite: Agriscience**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Small Animal Science focuses on small, or companion, animals such as dogs and cats. Small Animal Science also contains objectives to prepare students for careers in managing and caring for specialty and companion animals. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry.

### **Large Animal Science**

**Pre-requisite: Agriscience**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Large Animal Science is designed to develop basic understanding of handling, health, maintenance, reproduction, selection and management of different livestock species such as cattle, horses, goats, and chickens. This course covers anatomy and physiological systems of different groups of livestock, as well as careers, leadership, and history of the industry.

### **Veterinary Science – Standard and Honors**

**Pre-requisite: Agriscience, Small Animal Science AND Large Animal Science**

**CREDIT: 1**  
**GRADE: 11, 12**

Veterinary Science is an advanced course in animal science for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills. NOTE: Students in Honors will be required to complete a project outside of class.

### **Veterinary Science Clinical Internship**

**Pre-requisites: Agriscience, Small Animal Science, Large Animal Science, and Vet Science**

**CREDIT: 1**  
**GRADE: 12**

Students may choose to complete a clinical internship after completing Agriscience, Small Animal Science, Large Animal Science, AND Veterinary Science. The internships will be at a veterinary clinic facility.

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## **ARTS: Fine Arts**

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### **Art I**

**Pre-requisite: n/a**

**CREDIT: 1**  
**GRADE: All**

This course introduces the student to a survey program covering a wide variety of experiences in several art areas. The program includes basic art instruction in both two dimensional and three-dimensional areas. Some of the areas to be covered are: drawing, painting, graphics, design, crafts, ceramics, and sculpture.

### **Art II**

**Pre-requisite: B or higher in Art I**

**CREDIT: 1**  
**GRADE: All**

The Art II course expands on the art experiences introduced in the Art I class. This course offers continued study and studio experience in varied media with more importance being placed on the esthetic appreciation and critical aspects of the student's work.

### **Art III**

**Pre-requisite: B or higher in Art II**

**CREDIT: 1**  
**GRADE: 10, 11, 12**

This course further expands the student's knowledge and understanding of various art media and styles. The media and subject matter is selected by the teacher and is determined by the development and experience of each group of students. Emphasis is placed on the critical and appreciative aspects of the art experience.

### **Art IV**

**Pre-requisite: B or higher in Art III**

**CREDIT: 1**  
**GRADE 10, 11, 12**

This course further expands the student's knowledge and understanding of various concepts from Art III.

### **AP Studio Art: 2-D Design (Full Year Course-3<sup>rd</sup> block)**

**Pre-requisite: B or higher in Art I & II & teacher approval**

**CREDIT: 2**  
**GRADE: 11, 12**

AP Studio Art is designed for advanced art students who wish to earn college credit for their work by submitting a portfolio at the end of the year. The portfolio contains 12 Breadth artworks, 12 Concentration artworks, and 5 Quality Pieces which will be sent to the College Board for scoring. Students are expected to perform at a high level, with many outside projects and responsibilities. Attention is paid to the students' use of the principles of design. Students will participate in self and peer critiques as well as research contemporary artists.

### **Band (Full Year Course)**

**Pre-requisite: Audition**

**CREDIT: 2**  
**GRADE: All**

This is a special music class for students who have previously received instrumental music training. Students who elect to register for band will receive training and instruction in the following areas: marching band, concert band stage band (jazz ensembles; pit orchestra), ensemble, and solo playing. The more capable students may qualify to participate in the All-Middle Tennessee Band, All-State Band and Orchestra, and various instrumental music clinics. The two functions of the band are: 1. To provide interested students a program of music education. 2. To provide music for school, civic, and service-related activities.



### Color Guard (Fall)

**Pre-requisite: Audition**

All Color Guard members will participate in all rehearsals during and after school as well as performances with the Pride of the Green Wave Marching Band. Performances include football games, competitions and parades. Students will learn the fundamentals of maneuvering with a flag and rifle while performing marching drill during the competitive marching band show. All after school rehearsals and weekend performances are required.

**CREDIT: 1  
GRADE: All**

### Select Chorus

**Pre-requisite: n/a**

The fundamentals of choral music will be taught in this class. The student will learn to read and understand musical notation by singing. Proper singing techniques will be emphasized. Students will participate in group performances during the concert seasons and will be encouraged to audition for the Ladies Ensemble or for the Performers Chorus.

**CREDIT: 1-2  
GRADE: All**

### Ladies Ensemble (Full Year Course)

**Pre-requisite: Audition**

The students in this organization are chosen by audition. The art of choral singing and the study of voice will be emphasized.

**CREDIT: 2  
GRADE: 10, 11, 12**

### Performers Chorus (Full Year Course)

**Pre-requisite: Audition**

This is the top vocal music ensemble at GHS. Literature from several periods of music history will be sung, and emphasis will be placed on public performances as a culmination of class work. A two or three-day tour will be planned for the spring semester. Emphasis will be placed on performing for school, civic, and business organizations. Extra time beyond the regular school day will be required for practices and rehearsals.

**CREDIT: 2  
GRADE: 10, 11, 12**

### AP Access Music Theory (Virtual)

**Pre-requisite: Must be Band or Chorus student**

The AP Music Theory course corresponds to one-to-two semesters of typical, introductory college music theory coursework that covers topics such as musicianship, theory, and musical materials and procedures. Musicianship skills, including dictation and listening skills, sight-singing, and harmony, are an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural (listening) skills is a primary objective. Performance is also part of the curriculum through the practice of sight-singing. Students learn basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are emphasized. Students taking this course are expected to take the AP exam. NOTE: This course is taken virtually. It can be part of your regular schedule or can be taken as an extra class.

**CREDIT: 1  
GRADE: 10, 11, 12**

### General Music – Standard

**Pre-requisite: n/a**

This course is designed for the student who wishes to learn about music in a nonperformance oriented class. Previous musical training is helpful but not required. Basic music notation and theory, as it applies to historical music, will be introduced. Music of the Middle Ages, Renaissance, Baroque, Classical, Romantic, and Modern Eras will be studied in relation to its social, economic, political, cultural, and philosophical backgrounds. The major composers of each period will be discussed, and representative works of each will be analyzed. The historical significance of black music will be studied. Grading will be based on the student's ability to discuss and aurally recognize music of different composers and eras.

**CREDIT: 1  
GRADE: 10, 11, 12**

### Dance

**Pre-requisite: B or higher in Wellness and Dance Teacher recommendation**

This course will include history of dance including the introduction to basic steps of ballet; country line dancing; Latin styles; steppin'; artists and dances relevant to eras from the 1940's to the present. Students enrolled must participate in the Talent Show. A fee may be required. NOTE: Dance can meet the PE requirement.

**CREDIT: 1  
GRADE: 10, 11, 12**

### Theatre Arts I

**Pre-requisite: n/a**

This is an introductory course in theatre appreciation. Course work includes the study of theatre terminology, creative dramatics, improvisation, pantomime, dramatic structure, theatre history, and basic acting. Students are expected to memorize lines and be on stage. This course fulfills the fine arts credit necessary for graduation.

**CREDIT: 1  
GRADE: All**

### Theatre Arts II – Play Production

**Pre-requisite: B average in Theatre Arts I & Audition**

This course focuses on all the elements of producing a play. Students will rehearse and perform short plays and complete all the technical elements involved. Different types of one-act plays will be performed to emphasize various acting styles and production concepts.

**CREDIT: 1  
GRADE: 10, 11, 12**

### Theatre Arts III – Performers

**Pre-requisite: Completion of Theatre Arts I, II & Audition**

Performers is a select group of students interested in refining their acting skills and performance ability at an advanced level. Emphasis will be placed on artistic growth through the use of reading and reflection in personal journals. Audition techniques, the physical and mental techniques of self-discipline, and other professional concerns will be stressed. Participation in play production is mandatory.

**CREDIT: 1  
GRADE: 10, 11, 12**

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## AUTO: Transportation, Distribution & Logistics

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| PROGRAM OF STUDY                      | LEVEL 1                      | LEVEL 2                       | LEVEL 3                        | LEVEL 4                       |
|---------------------------------------|------------------------------|-------------------------------|--------------------------------|-------------------------------|
| Automotive Maintenance & Light Repair | Maintenance & Light Repair I | Maintenance & Light Repair II | Maintenance & Light Repair III | Maintenance & Light Repair IV |

### Maintenance and Light Repair I

Pre-requisite: n/a

CREDIT: 1  
GRADE: 9, 10, 11

This course prepares students for entry into Maintenance and Light Repair II. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

### Maintenance and Light Repair II

Pre-requisite: Maintenance and Light Repair I

CREDIT: 1  
GRADE: 10, 11, 12

Course prepares students for entry into Maintenance and Light Repair III. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

### Maintenance and Light Repair III

Pre-requisite: Maintenance and Light Repair II

CREDIT: 1  
GRADE: 10, 11, 12

This course prepares students for entry into Maintenance and Light Repair IV. Students study and service suspension and steering systems and brake systems. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

### Maintenance and Light Repair IV

Pre-requisite: Maintenance and Light Repair III

CREDIT: 1  
GRADE: 11, 12

This course prepares students for entry into the automotive workforce or into postsecondary training. Student's study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills. Upon completing all of the Maintenance and Light Repair courses, students may enter automotive service industry as an ASE Certified MLR Technician.

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## BUS: Business Management & Administration

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| PROGRAM OF STUDY    | LEVEL 1                       | LEVEL 2  | LEVEL 3                 | LEVEL 4                   |
|---------------------|-------------------------------|--|-------------------------|---------------------------|
| Business Management | Intro to Business & Marketing | Business Communications <i>or</i> Accounting I | Business Management     | Business Practicum Honors |
| Office Management   | Computer Applications         | Advanced Computer Applications                 | Business Communications | Business Management       |

### Introduction to Business and Marketing

Pre-requisite: n/a

CREDIT: 1  
GRADE: 9

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

### Business Communication

Pre-requisite: Intro to Business & Marketing, Computer Application, Advanced Computer Applications

CREDIT: 1  
GRADE: 10, 11, 12

Business Communications is a course that prepares students for oral and electronic business communications in the 21st century including social media as well as developing skills in electronic publishing, design, layout, composition, and video conferencing. Emphasis will be placed on social media, design and digital communications. Students will review and practice successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

### Accounting I

Pre-requisite: Intro to Business & Marketing

CREDIT: 1  
GRADE: 10, 11, 12

This course provides a study of the complete accounting cycle for small businesses. The essential procedures for adequate accounting will include the use of journals, ledgers and financial statements. In addition, other areas studied will include banking activities, collectible accounts, notes and interest, and payroll.

### Business Management

Pre-requisite: Intro to Business & Marketing, Computer Application, Advanced Computer Applications

CREDIT: 1  
GRADE: 11, 12

Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. Students will participate in a continuing project throughout the course in which, individually or in teams, will present recommendations to improve an existing business. Local business partnerships are encouraged to provide resources for faculty and students. Proficient students will be able to complete a full review of an existing business and offer recommendations for improvement as would a management consultant.

### Computer Applications

Pre-requisite: n/a

CREDIT: 1  
GRADE: All

Computer Applications is a foundational course intended to teach students the computing fundamentals and concepts involved in the proficient use of common application software. 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. (Lab fee)

## Advanced Computer Applications

CREDIT: 1

### Pre-requisite: Computer Applications

GRADE: 10, 11, 12

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.

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## CODE: Informational Technology-Coding

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| PROGRAM OF STUDY | LEVEL 1                      | LEVEL 2  | LEVEL 3   | LEVEL 4 |
|------------------|------------------------------|----------|-----------|---------|
| Coding           | Computer Science Foundations | Coding I | Coding II | n/a     |

## Computer Science Foundations

CREDIT: 1

### Pre-requisite: n/a

GRADE: 9, 10, 11

Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue.

## Coding I

CREDIT: 1

### Pre-requisite: Computer Science Foundations

GRADE: 10, 11, 12

Coding I is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multistep procedures; write, analyze, review, Page 2 and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.

## Coding II

CREDIT: 1

### Pre-requisite: Coding I

GRADE: 10, 11, 12

Coding II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

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## CRIM: Law, Public Safety, Corrections & Security

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| PROGRAM OF STUDY                       | LEVEL 1            | LEVEL 2             | LEVEL 3              | LEVEL 4             |
|--|--------------------|---------------------|----------------------|---------------------|
| Criminal Justice & Correction Services | Criminal Justice I | Criminal Justice II | Criminal Justice III | Criminal Justice IV |

## Criminal Justice I

CREDIT: 1

### Pre-requisite: n/a

GRADE: 9, 10

This course 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

CREDIT: 1

### Pre-requisite: Criminal Justice I

GRADE: 10, 11, 12

This course 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

CREDIT: 1

### Pre-requisite: Criminal Justice I and II

GRADE: 10, 11, 12

This course 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.

## CUL: Hospitality & Tourism

| PROGRAM OF STUDY | LEVEL 1         | LEVEL 2          | LEVEL 3         | LEVEL 4          |
|------------------|-----------------|------------------|-----------------|------------------|
| Culinary Arts    | Culinary Arts I | Culinary Arts II | Culinary Arts 3 | DE Culinary Arts |

### Culinary Arts I

**Pre-requisite:** n/a

**CREDIT: 1**  
**GRADE: 9, 10**

This course is an entry level class in food preparation. The first 9 weeks will be coursework covering sanitation, safety, nutrition, career opportunities in food related fields, equipment, table service, menu planning, and recipe skills. The second 9 weeks covers culinary applications. Students will learn how to select quality food and how to prepare foods in a safe and quality manner.

### Culinary Arts II & III

**Pre-requisite:** Culinary Arts I & Teacher Approval

**CREDIT: 1**  
**GRADE: 10, 11, 12**

This course includes advanced studies in areas of preparation of stocks, soups, sauces, salads, meats, fish, shellfish, poultry and vegetables. Portion control, food presentation, garnishing and the preparation of desserts are important elements of the curriculum. Activities in quantity food preparation will be provided in order to prepare students for entry level employment in various food service operations. Students will also be introduced to the Cool Wave Cafe - a weekly retail operation serving faculty and guests, thus, providing students with a real working environment in the classroom. Uniforms and health-code standards are a requirement in this class.

### Culinary Arts Dual Enrollment – Sanitation & Safety

**Pre-requisite:** Culinary Arts I, Biology I, or Biology A and B – Resource, and Instructors Signatures

**CREDIT: 1**  
**GRADE: 11, 12**

This course is an introduction to the sanitation and safety issues and practices involved in the food preparation process. Prevention of all types of food contamination and the Hazard Analysis Critical Control Point (HACCP) food safety system is emphasized. This course presents a manager's perspective on food safety, cleanliness standards, and work safety. This course will include the ServSafe® Manager's Certification Exam. Special Note: This course includes an online component that will require students to complete modules online through MyServSafeLab™. Course if being offered through Nashville State Community College and is worth 2 college credits.

## DIG: Arts, Audio/Visual Technology & Communication

| PROGRAM OF STUDY      | LEVEL 1                 | LEVEL 2                  | LEVEL 3                   | LEVEL 4 |
|-----------------------|-------------------------|--------------------------|---------------------------|---------|
| Digital Arts & Design | Digital Arts & Design I | Digital Arts & Design II | Digital Arts & Design III | n/a     |

### Digital Arts and Design I

**Pre-requisite:** n/a

**CREDIT: 1**  
**GRADE: 9, 10, 11**

Digital Arts and Design I is a course that provides a foundation in visual communication concepts and design strategies. Course content is designed to foster skills and understanding that are essential in modern digital graphics, motion graphics, publishing, Web, film/video, photography, and animation graphic industries. Focus will be on developing understanding of key design concepts and strategies, along with design challenges that translate into creative communication solutions which accurately and effectively reach targeted audiences. Along with study of design principles, conceptualization processes and techniques, students will explore various applications of design through extensive study of typography, style, composition, visual elements, color, creative technical software and various problem-solving tasks, that encourages higher order thinking. Exploration of career opportunities, development of leadership, teamwork, collaborative and technical skills requisite in many aspects of life.

### Digital Arts and Design II

**Pre-requisite:** Digital Arts & Design I

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Digital Arts and Design II is a course that builds on the foundational core elements of visual communication concepts and design strategies, learned in (Digital Arts and Design I) Course content is designed to reinforce skills and support understanding that are essential in modern digital graphics, motion graphics, publishing, Web, film/video, photography, and animation graphic industries. Focus will be on developing understanding of key design concepts and strategies, along with design challenges that translate into creative communication solutions which accurately and effectively communicate. Along with continued study of design principles, conceptualization processes and techniques, students will gain mastery of various applications of design through continued study of typography, style, composition, visual elements, color, creative technical software and more focused problem-solving tasks, that encourages higher order thinking. Exploration of career opportunities, development of leadership, teamwork, collaborative and technical skills requisite in many aspects of life and industry which are creative and multi-faceted will be developed. Course content is also related to other pathways.

### Digital Arts and Design III

**Pre-requisite:** Digital Arts & Design II

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Digital Arts & Design III is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking skills to create comprehensive multimedia projects and three-dimensional designs. Upon completion of this course, proficient students will be able to use industry-standard software to create multimedia projects, web pages, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project outcomes. Standards in this course also include professionalism and ethics, career exploration, and business and project management. In addition, students will continue compiling artifacts for inclusion in a digital portfolio, which they will carry with them throughout the full sequence of courses in this program of study.



## EDU: Education & Training

| PROGRAM OF STUDY                | LEVEL 1                    | LEVEL 2                     | LEVEL 3               | LEVEL 4 |
|---------------------------------|----------------------------|-----------------------------|-----------------------|---------|
| Teaching as a Profession (K-12) | Teaching as a Profession I | Teaching as a Profession II | DE Intro to Education | n/a     |

### Teaching as a Profession I

**Pre-requisite:** n/a

**CREDIT: 1**  
**GRADE: 9, 10, 11**

Teaching as a Profession I (TAP I) is an intermediate course for students interested in learning more about becoming a teacher, school counselor, trainer, 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 will conduct observations of educators at work and create artifacts for a course portfolio, which will continue with them throughout the program of study. Upon completion of this course, proficient students will have a fundamental understanding of instructional strategies needed for becoming an educator.

### Teaching as a Profession II – Standard and Honors

**Pre-requisite:** Teaching as a Profession I (Must have an A in Teaching as a Profession I to take Honors).

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Teaching as a Profession II (TAP II) is an applied-knowledge course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, differentiating instruction, and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory settings while building a course portfolio of work, which will carry with them throughout the program of study. Upon completion of this course, proficient students will be prepared to take the capstone TAP III course and further their studies at the postsecondary level.

### Introduction to Education – Dual Enrollment (Spring)

**Pre-requisite:** Teaching as a Profession I & II

**CREDIT: 1**  
**GRADE: 11, 12**

EDU 101 is a short survey of the field of education. The history of American education, present educational philosophies, major problems, present practices, and the school as a social institution are considered. 10 hours of field experience in the public schools and community service are required. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

## FIN: Finance

| PROGRAM OF STUDY | LEVEL 1                       | LEVEL 2      | LEVEL 3       | LEVEL 4       |
|------------------|-------------------------------|--------------|---------------|---------------|
| Accounting       | Intro to Business & Marketing | Accounting I | Accounting II | DE Statistics |

### Introduction to Business and Marketing

**Pre-requisite:** n/a

**CREDIT: 1**  
**GRADE: 9,10**

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

### Accounting I

**Pre-requisite:** Intro to Business & Marketing

**CREDIT: 1**  
**GRADE: 10, 11, 12**

This course provides a study of the complete accounting cycle for small businesses. The essential procedures for adequate accounting will include the use of journals, ledgers and financial statements. In addition, other areas studied will include banking activities, collectible accounts, notes and interest, and payroll.

### Accounting II

**Pre-requisite:** Accounting I

**CREDIT: 1**  
**GRADE: 11, 12**

Accounting II is an advanced study of concepts, principles and techniques that build on the competencies acquired in Accounting I used in keeping the electronic and manual financial records of a sole proprietorship, a partnership and a corporation. Departmental, management, cost, and not-for-profit accounting systems are explored. This course will apply the theory and practices developed in Accounting I. (Activities in this course will be completed manually and electronically. This course requires a computerized workstation for each student with accounting and spreadsheet software and tools provided.)

### Dual Enrollment – Statistics

**Pre-requisite:** Algebra II & ACT Math score of 19+ is required

**CREDIT: 1**  
**GRADE: 12**

This course is a traditional Statistics course. Emphasis will be placed on the practical applications of the analysis of data and the probability that certain assumptions may be true or even occur. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

## FIRE: Fire Science – Dual Enrollment

| PROGRAM OF STUDY | LEVEL 1                   | LEVEL 2            | LEVEL 3                                       | LEVEL 4                                   |
|------------------|---------------------------|--------------------|---|---|
| Fire Science     | Fire Emergency Services I | Fire Prevention II | Fire Science Building for Fire Protection III | Prin of Fire & EMS Safety and Survival IV |

### Dual Enrollment – Fire Emergency Services (EMS) I

**Pre-requisite: ACT Reading score of 19+ and English 18+ is required**

**CREDIT: 1**

**GRADE: 11, 12**

This course provides an overview of fire protection and emergency services; career opportunities in fire protection and related fields; culture and history of emergency services; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics; life safety initiatives. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

### Dual Enrollment – Fire Prevention II

**Pre-requisite: ACT Reading score of 19+ and English 18+ is required**

**CREDIT: 1**

**GRADE: 11, 12**

This course provides fundamental knowledge relating to the field of fire prevention. Topics of this course include: history and philosophy of fire prevention; organization and operation of a fire prevention bureau; use and application of codes and standards; plans review; fire inspections; fire and safety education; and fire investigation. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

### Dual Enrollment – Fire Science Building for Fire Protection III

**Pre-requisite: ACT Reading score of 19+ and English 18+ is required**

**CREDIT: 1**

**GRADE: 11, 12**

This course provides the components of building construction related to firefighter and life safety. The focus of this course is on firefighter and life safety. The elements of construction and design of structures are shown to be key factors when inspecting building, preplanning fire operations, and operating at emergencies. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

### Dual Enrollment – Principles of Fire & EMS Safety and Survival IV

**Pre-requisite: ACT Reading score of 19+ and English 18+ is required**

**CREDIT: 1**

**GRADE: 11, 12**

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. The dual enrollment program allows students to earn both high school and college credit at the same time, by taking a college course during the regular school day on campus at GHS. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

## HEAL: Health Science

| PROGRAM OF STUDY     | LEVEL 1                  | LEVEL 2              | LEVEL 3              | LEVEL 4   |
|----------------------|--------------------------|----------------------|----------------------|---|
| Therapeutic Services | Health Science Education | Anatomy & Physiology | Medical Therapeutics | Medical Assisting (Fall)<br>Clinical Internship (Spring)    |
| Emergency Services   | Health Science Education | Anatomy & Physiology | Medical Therapeutics | Emergency Medical Services (Fall)<br>EMS Practicum (Spring) |

### Health Science Education – Standard

**Pre-requisite: n/a**

**CREDIT: 1**

**GRADE: 9, 10**

This course is an introduction to broad standards that serve as a foundation for Health Care Occupations and functions across health services. Units included are academics in health care communications systems, legal responsibilities, ethics, teamwork, and safety practices. To move on to other health science courses, students must pass this entry level class with a C or better.

### Health Science Education - Honors

**Pre-requisite: Honors Science**

**CREDIT: 1**

**GRADE: 9, 10**

This course is an introduction to broad standards that serve as a foundation for Health Care Occupations and functions across health services. Units included are academics in health care communications systems, legal responsibilities, ethics, teamwork, and safety practices. To move on to other health science courses, students must pass this entry level class with a C or better. As an Honors course, students will explore the concepts in greater depth.

### Anatomy & Physiology – Standard

**Pre-requisite: Health Science Education, Completion or current enrollment in Biology 1**

**CREDIT: 1**

**GRADE: 10, 11, 12**

Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to the causes of diseases and disorders. Upon completion of this course, proficient students will be able to apply gross anatomy from earlier courses to a deeper understanding of all body systems. This course is a hands-on course with many laboratory opportunities.



### **Anatomy & Physiology – Honors**

**Pre-requisite: Health Science, Completion or current enrollment in Biology 1, & Hon English or Science** **CREDIT: 1**  
**GRADE: 10, 11, 12**

Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to the causes of diseases and disorders. Upon completion of this course, proficient students will be able to apply gross anatomy from earlier courses to a deeper understanding of all body systems. This course is a hands-on course with many laboratory opportunities. As an Honors course, students will explore the concepts in greater depth.

### **Medical Therapeutics**

**Pre-requisite: Health Science Education** **CREDIT: 1**  
**GRADE: 10, 11, 12**

Medical Therapeutics is an applied course designed to prepare students to pursue careers in therapeutic and nursing services. Upon completion of this course, a proficient student will be able to identify careers in therapeutics services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments.

### **Clinical Internship**

**Pre-requisite: Health Science, Anatomy & Physiology, & Medical Therapeutics. Application process required.** **CREDIT: 1**  
**GRADE: 12**

The Clinical Internship class is a capstone course and work-based learning experience designed to provide students with real-world application of skills and knowledge obtained in pre-requisite Health Science courses. Upon completion of this course, proficient students may be able to pursue certification in Certified Clinical Medical Assisting CCMA certification. 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. Note: Student to teach ratio for this course is 15:1 in a clinical setting.

### **Emergency Medical Services (EMS)**

**Pre-requisite: Health Science, Anatomy & Physiology, & Medical Therapeutics. Application process required.** **CREDIT: 1**  
**GRADE: 11, 12**

Emergency Medical Services is a capstone course in the Emergency Medical Services program of study and is designed to prepare students to pursue careers in the fields of emergency medicine. Upon completion of this course, proficient students will be able to: identify careers and features of the EMS system; define the importance of workforce safety and wellness; maintain legal and ethical guidelines; correlate anatomy and physiology concepts to the patient with a medical or traumatic injury; and perform EMS skills with a high level of proficiency. If taught with an EMT instructor, students will be given the opportunity to sit for the National Emergency Medical Responder certification. In addition, students will continue to add artifacts to a portfolio, which they will continue to build throughout the program of study. Each standard presumes that the expected knowledge and behaviors are within the scope of practice for that EMS licensure level, as defined by the National EMS Scope of Practice Model. Each competency applies to patients of all ages, unless a specific age group is identified. The standards also presume there is a progression in practice from the Emergency Medical Responder level to the Paramedic level. The descriptors used to illustrate the increasing complexity of knowledge and behaviors through the progression of licensure levels originate, in part, from the National EMS Scope of Practice Model.

### **Emergency Medical Services (EMS) Practicum**

**Pre-requisite: Health Science, Anatomy & Physiology, Medical Therapeutics, & EMS. App process req'd.** **CREDIT: 1**  
**GRADE: 11, 12**

Emergency Medical Services Practicum is a capstone course in the Emergency Services program of study that provides a practicum experience for students as they develop an understanding of professional and ethical issues. The capstone course will be based on the knowledge and skills from previous courses in the Emergency Services program of study. Upon completion of the course, students will be proficient in components of communication, critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, and teamwork. Instruction may be delivered through school-based laboratory training or through work-based learning arrangements such as cooperative education, mentoring, and job shadowing.

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## **HUM: Humanities**

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*A Humanities focus includes English, World Language, and Social Studies electives that go beyond the graduation requirements. Please confirm with your counselor if this is your focus area.*

### **Creative Writing**

**Pre-requisite: Eng I & II** **CREDIT: 0.5**  
**GRADE: 11, 12**

This course allows students to promote self-expression, to explore various writing styles, and to strive for variety in diction, sentence structure, and format. An emphasis is placed on developing fluency, logic, clarity, and creativity. While focusing on the steps of the writing process, students will write for a variety of audiences, explore diverse modes & genres of writing, and utilize evaluation & revision skills.

### **Journalism I & II (Yearbook; year-long class)**

**Pre-requisite: Teacher approval** **CREDIT: 2**  
**GRADE: 10, 11, 12**

Students in this course work with Digital Arts & Design III students in a Project Based Learning model. Students will develop a yearbook as a capstone project at the end of the school year.

### **Contemporary Issues**

**Pre-requisite: n/a** **CREDIT: 0.5**  
**GRADE: 11, 12**

The scope of this course will include local, national, and global topics such as politics, international relations, science, medicine, technology, and social issues of current interest. Various media sources and guest speakers will be regularly used. Debate and discussion will be components of the course, and students will be expected to contribute in a meaningful way to enhance course topics.

### **African American History – Standard**

**Pre-requisite: World History** **CREDIT: 1**  
**GRADE: 10, 11, 12**

Students will examine the life and contributions of African Americans from the early 1600s through the contemporary United States. Students will explore the influence of geography on slavery and the growth of slavery in the U.S. Students will consider urban and rural African American communities and institutions in the North and South leading up to and during the Civil War. Students will investigate the rise of Jim Crow and the subsequent effects of the laws and trace the impact of African American migration through the early 20th century. Students will explore the impact of the Harlem Renaissance as well as the contributions of African Americans during the Great

Depression and World War II. Students will examine the successes and failures of the Civil Rights Movement and consider the contemporary issues confronting African Americans.

**Psychology – Standard**

**Pre-requisite: n/a**

**CREDIT: 1  
GRADE: 11, 12**

This course is designed to introduce students to the basic principles of psychology in preparation for college psychology as well as for life in an increasingly complex society. Emphasis will be on individual differences, personal adjustment, coping skills, and relationships as well as learning, memory, perception, consciousness, and abnormal psychology.

**Psychology – Dual Enrollment (6:30AM twice a week)**

**Pre-requisite: ACT score of 18 on English & 19 on Reading**

**CREDIT: 1  
GRADE: 11, 12**

This course is designed to provide an overview of the field of psychology and human behavior. The topics of philosophy, history, biology, learning, personality, abnormal behavior, treatment, applied memory, intelligence, motivation, consciousness, perception, and sensory are included. Students must complete the Vol State application for admission and the dual enrollment grant application. Students are responsible for purchasing the required texts and any remaining tuition. Worth 3 college credit hours.

**French III & IV – Honors**

**Pre-requisite: French II Honors**

**CREDIT: 1  
GRADE: 11, 12**

In this course, the further development of skills in speaking, writing, and understanding French is stressed. This course includes conversation, advanced grammar, and composition. An emphasis is placed on history and culture and on an introduction to French literature.

**Spanish Heritage III (native speakers)**

**Pre-requisite: Spanish Heritage II**

**CREDIT: 1  
GRADE: 11, 12**

Spanish Heritage III is designed for students who already speak, read, and write well in Spanish. Students will be exposed to the various Hispanic cultures around the world, and short stories, poetry, and selections from novels by great Hispanic writers, past and present. Spanish is used exclusively in the classroom.

**Spanish III/IV – Honors (non-native speakers)**

**Pre-requisite: Spanish II Honors**

**CREDIT: 1  
GRADE: 11, 12**

Spanish III will be a for credit class available for non-native speakers who excelled in Spanish I or II. This class will focus on drill and conversational Spanish, building on the vocabulary and grammar learned in honors or standard classes. Students who took Spanish I and II at the standard level will need their language teacher's recommendation.

**AP Access Spanish Language (Virtual)**

**Pre-requisite: Spanish 2 Honors w/ B or higher**

**CREDIT: 1  
GRADE: 11, 12**

Develop your Spanish language skills and learn about the cultures in Spanish-speaking parts of the world. You'll practice communicating in Spanish and study real-life materials such as newspaper articles, films, music, and books. The college course equivalent to this class is a third or fourth semester intermediate level Spanish course. Students taking this course are expected to take the AP exam. NOTE: This course is taken virtually. It can be part of your regular schedule or can be taken as an extra class.

**MAN: Advanced Manufacturing**

| PROGRAM OF STUDY     | LEVEL 1                   | LEVEL 2                    | LEVEL 3                     | LEVEL 4                 |
|----------------------|---------------------------|----------------------------|-----------------------------|-------------------------|
| Machining Technology | Principles of Machining I | Principles of Machining II | Principles of Manufacturing | Manufacturing Practicum |

**Principles of Machining I**

**Pre-requisite: n/a**

**CREDIT: 1  
GRADE: 9, 10, 11**

Principles of Machining I is designed to provide students with the skills and knowledge to be effective in production environments as a machinist, CNC operator, or supervisor. Proficient students will demonstrate safety practices concerning machining technology, proper measurement and layout techniques, reading and interpreting drawings and blueprints, production design processes, and quality control procedures. Upon completion of this course, students will be knowledgeable about potential postsecondary education and career opportunities related to machining technology and will be prepared to enroll in more advanced machining courses in high school.

**Principles of Machining II**

**Pre-requisite: Principles of Machining I**

**CREDIT: 1  
GRADE: 10, 11, 12**

Principles of Machining II is an advanced level contextual course that builds on the introductory skills learned in the entry-level manufacturing and machining courses, stressing the concepts and practices in a production environment supported by advanced machining and engineering facilities. Working with the course instructor and team members in a cooperative learning environment, students will design, produce, and maintain products that are defined by detailed technical specifications. Emphasis is placed on quality control, safety and engineering codes and standards, and production-grade machining systems, building on the learner's past knowledge, current experiences, and future conduct as a career machinist. Upon completion of this course, proficient students will be able to examine blueprints and specification drawings to plan and implement the manufacture of products, machine parts to specifications using both manual and computer controlled machine tools, and measure, examine, and test completed products to check for defects and conformance to specifications.

**Principles of Manufacturing**

**Pre-requisite: Principles of Machining II**

**CREDIT: 1  
GRADES: 10, 11, 12**

Principles of Manufacturing is designed to provide students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster, such as Machining Technology, Electromechanical Technology, Mechatronics, and Welding. In order to gain a holistic view of the advanced manufacturing industry, students will complete all core standards, as well as standards in two focus areas. Throughout the course, they will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting. Course content covers basic quality

principles and processes, blueprints and schematics, and systems. Proficient students will advance from this course with a nuanced understanding of how manufacturing combines design and engineering, materials science, process technology, and quality.

### **Manufacturing Practicum**

**Pre-requisite: Principles of Manufacturing**

**CREDIT: 1  
GRADES: 11, 12**

Manufacturing Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Advanced Manufacturing courses within a professional, working environment. While continuing to add to their technical skillsets, students in this course assume increasing responsibility for overseeing manufacturing processes and managing complex projects. Specifically, proficient students will be able to work in teams to plan the production of a sophisticated product; develop troubleshooting and problem-solving mechanisms to ensure that projects run smoothly; analyze output and compile professional reports; and connect practicum activities to career and postsecondary opportunities. For all projects undertaken in this course, students are expected to follow the focus area in Machining Technology while also refining skills previously acquired to achieve deeper levels of mastery.

## **MKT: Marketing, Distribution & Logistics**

| PROGRAM OF STUDY            | LEVEL 1                       | LEVEL 2     | LEVEL 3                                 | LEVEL 4  |
|-----------------------------|-------------------------------|-------------|---|--|
| <b>Marketing Management</b> | Intro to Business & Marketing | Marketing I | Marketing II <i>or</i> Entrepreneurship | Advertising & Public Relations <i>or</i> Sports & Event Planning |

### **Introduction to Business and Marketing**

**Pre-requisite: n/a**

**CREDIT: 1  
GRADE: 9**

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

### **Marketing & Management I**

**Pre-requisite: n/a**

**CREDIT: 1  
GRADE: 10, 11, 12**

This course focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. This course is also co-curricular with the student organization DECA, a marketing association for students. [Class Fee Required]

### **Marketing & Management II - Honors**

**Pre-requisites: Marketing I**

**CREDIT: 1  
GRADE: 11, 12**

Marketing & Management II: Advanced Strategies is a study of marketing concepts and principles used in management. Students will examine the challenges, responsibilities, and risks managers face in today's workplace. Subject matter includes finance, business ownership, risk management, marketing information systems, purchasing, promotion, and human resource skills. Students taking this course are eligible for work-based learning experience. NOTE: Students enrolled in this class will be working on the DECA written project. This class is offered every other year (23-24) with Business & Entrepreneurship Practicum Honors.

### **Business & Entrepreneurship Practicum - Honors**

**Pre-requisites: Marketing I**

**CREDIT: 1  
GRADE: 11, 12**

*Business & Entrepreneurship Practicum* is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus or virtual arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures or continue their study at the postsecondary level. NOTE: Students enrolled in this class will be working on the DECA written project. This class is offered every other year(22-23) with Marketing II Honors.

### **Advertising and Public Relations**

**Pre-requisites: Intro to Marketing w/ A avg or Marketing I**

**CREDIT: 1  
GRADE: 10, 11, 12**

Advertising and Public Relations focuses on the concepts and strategies associated with promoting products, services, ideas, and events. This applied knowledge course addresses skills essential to the creative side of the industry and explores consumer behavior patterns and motivations for buying. Students will demonstrate proficiency in fundamental advertising and public relations concepts by creating an electronic portfolio of representative course projects demonstrating a progressive level of skills and knowledge. Students have the opportunity to join and participate in DECA activities. Students taking this course are eligible for work-based learning experience.

### **Sports and Event Planning Management**

**Pre-requisites: Intro to Marketing w/ A avg or Marketing I**

**CREDIT: 1  
GRADE: 10, 11, 12**

This course is designed to be a project based, capstone experience in which students research, prepare, deliver, and reflect upon an original event for a community organization or non-profit. Proficient students in this course will further refine leadership, teamwork, and management skills acquired in previous courses and apply them through application in a practicum setting. Work based learning in an option to students who meet the qualifications.

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## ROTC: Navy JROTC

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*The Navy Junior Reserve Officers Training Corps (NJROTC) is a four-year program cosponsored by the school's district and the US Navy. The NJROTC program provides students the opportunity to become informed and responsible citizens, develop leadership and self-discipline skills and become involved in their school and community. The NJROTC is a coeducational program and include extracurricular activities. After-school activities are voluntary. There is no military obligation associated with or incurred by being in the NJROTC program.*

### Naval Science I

**Pre-requisite:** n/a

**CREDIT: 1**  
**GRADE: All**

This course introduces students to the precepts of citizenship, the basic elements of leadership and the value of scholarship in attaining life goals. Students learn about military drill and ceremonies; the importance of a healthy lifestyle, including physical fitness, a proper diet, and controlling stress; drug awareness; the principles of health and first aid; geography and survival skills; and Navy ships and aircraft. NOTE: To meet Wellness & PE requirement, you should take levels I & II.

### Naval Science II

**Pre-requisite:** Naval Science I

**CREDIT: 1**  
**GRADE: All**

This course provides students with an overview of the role sea power has played in the world from early civilization to the present, and an appreciation of US naval history and heritage from the American Revolution to now. Course content also includes principles of effective leadership, and the importance of discipline. Students develop teamwork through military drill. NOTE: To meet Wellness & PE requirement, you should take levels I & II.

### Naval Science III

**Pre-requisite:** Naval Science II

**CREDIT: 1**  
**GRADE: All**

This course develops students' understanding of the importance of sea power and national security, naval operations and support functions, military law, and international law of the sea. Content also include basic seamanship, nautical rules of the road, marine navigation and naval weapons and aircraft. NOTE: To meet US Government & Personal Finance requirement, you should take levels I, II, & III.

### Naval Science IV

**Pre-requisite:** Naval Science III

**CREDIT: 1**  
**GRADE: All**

This course builds on the basic qualities of a good follower and an effective leader provided in earlier Naval Science courses. Students are provided an in-depth look at the qualities of an outstanding leader and shown how to maximize their leadership skills. Positive, effective communication skills are practiced and reinforced. Students are put in positions of increased responsibility and leadership. Students demonstrate the ability to lead a group of individuals in various military drills.

### Naval Science IV Select Marksmanship Training

**Pre-requisite:** Naval Science I

**CREDIT: 1**  
**GRADE: 10, 11, 12**

Three-Position (3P) Air Rifle is the most popular form of shooting sports competition for youth of high school age. 3P Air Rifle is based on the Olympic and international three-position rifle events. Cadets learn the basic techniques of marksmanship and compete against local schools as well as at the state and national levels. Students use .177" caliber air rifles, in prone, standing and kneeling positions on a 10-meter course. Content includes history, safety, equipment, and techniques of the sport.

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## Miscellaneous Offerings

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### Work-Based Learning (Co-Op)

**Pre-requisite:** Have a job

**CREDIT: 1-2**  
**GRADE: 11, 12**

Juniors and Seniors may elect to participate in a Work-Based Learning program in which they may earn credit for work experience in a specific vocational field. Work-Based Learning is offered in all of the career and technical education areas. Interested students must contact the appropriate career and technical education teacher or Work-Based Learning supervisor to obtain an application for Work-Based Learning. If a student fails Work-Based Learning, he/she is not allowed to take it again.

### Senior Project

**Pre-requisite:** n/a

**CREDIT: 0**  
**GRADE: 12**

Senior Project is a course that provides an opportunity for students to showcase the knowledge, creativity, and skills developed as a result of their twelve years of education. Through the Senior Project experience, students focus on individual and special interests and are held accountable for their own learning. Faculty members agreeing to serve as advisors must first sign the Faculty Agreement Form. Individuals agreeing to serve as mentors are required to sign the Mentor Agreement Form. On average, students will participate in Senior Project activities 7 ½ hours per week. The academic or instructional activities may take place on or off the high school campus. The student will receive a Pass/Fail grade that will not be computed into the student's GPA. As a part of the experience, students must work at least 125 hours on their project, keep a weekly journal of activities, meet monthly with their faculty advisor, and submit mentor evaluations. A culminating portfolio will also be compiled including the items listed above, a student evaluation of the project, and a summative mentor evaluation. Students wishing to participate in Senior Project off-campus must complete The Agreement for Senior Off-Campus Senior Project Credit.

### Self-Advocacy

**Pre-requisite:** Student must have an IEP

**CREDIT: 1**  
**GRADE: 10, 11**

Introduction to Self-Advocacy is designed to equip students with the knowledge concerning the legal rights of individuals with a disability and how to advocate for themselves in their school and community settings.

### Focus on Adulthood

**Pre-requisite:** Student must have an IEP

**CREDIT: 1**  
**GRADE: 11, 12**



Focus on Adulthood is designed to equip students with the knowledge and skills necessary to transition into postsecondary community involvement and independent living. Through a series of in-class and out-of-class activities, students will refine their self-awareness through a discovery process and then learn about relevant community supports and how to access them.

### **Transition & Work-Based Learning (Co-Op)**

**Pre-requisite: Student must have an IEP**

**CREDIT: 1**  
**GRADE: 11, 12**

Transition is designed to provide opportunities for students to finalize their postsecondary transition plans and develop concrete steps necessary to transition seamlessly into postsecondary, including being an active participant in developing a summary of performance. Work-Based Learning is intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills.

### **CDC Peer Tutor**

**CREDIT: 1**

**Pre-requisite: Teacher Approval**

**GRADE: All**

This course is designed for those students who are interested in helping disabled students maximize their potential in an integrated environment. The student will be a peer tutor assigned to a disabled student who is a participant in the LRE for LIFE Project. Peer Tutors will also contract with the assigned teacher for independent studies, reading, and seminar attendance which will be required for course fulfillment.

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## **ADVANCED PLACEMENT (AP) COURSE OFFERINGS**

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*Course descriptions for AP courses can be found under the appropriate subject area. These courses are offered in-person with a GHS teacher.*

- Biology
- Calculus AB
- English IV Literature
- European History
- Human Geography
- Studio Art: 2D-Design
- US Government & Politics
- US History

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## **ADVANCED PLACEMENT (AP) ACCESS VIRTUAL COURSE OFFERINGS**

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*Course descriptions for AP Access courses can be found under the appropriate subject area. These courses are offered as an INDEPENDENT STUDY VIRTUAL class. The classes may be taken as part of your 4x4 block schedule or taken as a 9<sup>th</sup> class you complete at home.*

- English Language
- Music Theory
- Spanish Language
- Statistics

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## **DUAL ENROLLMENT (DE) COURSE OFFERINGS**

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*Course descriptions for DE courses can be found under the appropriate subject area. DE courses are worth 1 credit for high school and additional credits for college.*

**Courses offered through Volunteer State Community College:**

College Algebra  
English IV  
Fire Science I, II, III, & IV  
Probability & Statistics  
Psychology

**Courses offered through Nashville State Community College:**

Culinary Arts: Sanitation and Safety

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## **DUAL CREDIT COURSES**

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Dual Credit by Assessment is available for CTE Students through a cooperative effort with multiples higher education institutions in the Nashville area.

Career and Technical Education students who take the high school courses listed below may get college credits if they pass a test covering competencies from the matching college course. Students must apply and schedule a test date and time through the Office of Off-Campus Sites, Dual Enrollment, and Perkins. Dual Credits will transfer in most cases; check with your institution to find out its acceptance policy for college Dual Credits.

### **Volunteer State Community College**

High School Course(s)

1. Advanced Computer Applications
2. Health Science Courses (any 2-3 courses)
3. Criminal Justice I and II
4. Marketing & Management (any 2 courses)
5. Business Communications

Vol State Credits in Course(s)

INFS 1010 Computer Applications (3 credits)  
AHC 115 Medical Terminology (3 credits)  
CRMJ 1010 Intro to Criminal Justice (3 credits)  
BUSN 2380 Principles of Marketing (3 credits)  
BUS 1310 Business Communications (3 credits)

### **Middle Tennessee State University**

Ag Greenhouse 3-credit hour course