

## **Course Descriptions: 2010-2011**

The following course descriptions are arranged by department. A course entry gives a brief description of the course, pre-requisite or co-requisites for the course, the course number, grade levels that can register for the course, and the credit(s) given. As indicated, there are courses listed that are required for graduation. Other courses are electives that are offered based on student enrollment and the availability of certified teachers. All courses listed in this catalog are approved by the Wilson County Board of Education. Please note that not all courses are offered every year. Course offerings are based upon factors including, but not limited to, certified and highly qualified teacher availability, student interest, and scheduling opportunities.

Special Notes: *(1) If a course is listed as a prerequisite, students must complete and receive a passing grade in the course.*  
*(2) Students who register for courses in which two (2) or more credits are awarded are required to remain in the course for the entire time period registered.*

## **HONORS COURSES**

Honors, Advanced Placement, and Dual Enrollment classes are offered in addition to standard level classes in various subject areas.

To create consistency in Tennessee public schools, the following framework of standards is required by the State Board of Education to ensure that additional rigor is being provided in all honors courses. Under the changes, all honors course must include at least five (5) of the nine (9) components or strategies listed below\*:

- ✓ Extended reading assignments that connect with the specified curriculum;
- ✓ Research-based writing assignments that address and extend the course curriculum;
- ✓ Projects that apply course curriculum to relevant or real-world situations;
- ✓ Open-ended investigations in which the student selects the questions and designs the research;
- ✓ Writing assignments that demonstrate a variety of modes, purposes, and styles;
- ✓ Integration of appropriate technology into the course of study;
- ✓ Deeper exploration of the culture, values, and history of the discipline;
- ✓ Extensive opportunities for problem-solving experiences through imagination, critical analysis, and appreciation; and
- ✓ Job shadowing experiences with presentations that connect class study to the world of work.

\* Components may vary from subject area to subject area.

# English / Language Arts

## **ENGLISH / LANGUAGE ARTS**

All students who are classified as juniors will be required to take the TCAP Writing Assessment.

### **ENGLISH 1 (3001)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

The study of basic communication skills, literary skills, usage, speech, and spelling; the review of grammar and its application to composition; an emphasis on the development of essay-writing skills, especially persuasive essays; and an introduction to basic literary selections. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

### **ENGLISH 1 - HONORS (3001H)**

**1 credit**

**Prerequisite: Students must meet at least one of the following:**

- 93 average in 8<sup>th</sup> grade English
- Teacher recommendation from the 8<sup>th</sup> grade English teacher
- A score on the seventh grade TCAP assessment in the advanced category

**Board-approved materials fee may be requested, but not required.**

Includes the same material as English I, with a more intensive study of composition (especially persuasive essays) and literature. Grammatical skills should be intact with little or no remediation necessary. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

### **ENGLISH 2 (3002)**

**1 credit**

**Prerequisite: English 1**

**Board-approved materials fee may be requested, but not required.**

A continuation of English 1. Students work to comprehend and produce a wide variety of texts, including traditional works of literature, practical and persuasive forms of communication that involve speaking and listening skills, and the use of appropriate technology and media forms. Emphasizes the communication and critical thinking skills that empower students to function effectively in a rapidly changing world. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

### **ENGLISH 2 - HONORS (3002H)**

**1 credit**

**Prerequisite: Students must meet at least one of the following:**

- 93 average in English 1
- 85 average in Honors English 1

**Board-approved materials fee may be requested, but not required.**

Focuses on those skills begun in the first level. Stresses composition, including an emphasis on persuasive essay writing, an introduction to the research paper (including an introduction to MLA documentation), and a research project; literary analysis; and communication. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade.

## **HONORS WORLD STUDIES: (3002H/3401H)**

**Open to grade 10**

**2 credits (1 credit in Honors World History and 1 credit in Honors English 2)**

**Pre-requisite: Students must meet at least one of the following:**

- 93 average in English 1
- 85 average in Honors English 1

**Board-approved materials fee may be requested, but not required.**

A multi-disciplinary course, incorporating the literature, music, art, culture, social structure, and lifestyle of each era in world history. Emphasis on writing, research, and research-based student-initiated projects. Students are required to take the State Department of Education's End of Course Test, which will count 20% of the student's overall grade. Summer reading may be required.

## **ENGLISH 3 (3003)**

**1 credit**

**Prerequisite: English 2**

**Board-approved materials fee may be requested, but not required.**

A continuation of the study of grammar, usage, composition, and communication skills, with emphasis on vocabulary building, spelling, letter and persuasive essay writing, and library and dictionary skills. The focus is on American literature. Students in English III and who are classified as juniors will be required to take the TCAP Writing Assessment Test. This course will continue to focus on writing skills which will prepare students to be successful when writing persuasive essays. A research paper is required.

## **ENGLISH 3 - HONORS (3003H)**

**1 credit**

**Prerequisite: Students must meet at least one of the following:**

- 93 average in English 2
- 85 average in Honors English 2

**Board-approved materials fee may be requested, but not required.**

An in-depth study of American literature and composition. Students in English III and who are classified as juniors will be required to take the TCAP Writing Assessment Test. This course will continue to focus on writing skills which will prepare students to be successful when writing persuasive essays. A research paper is required.

## **ENGLISH 3: ADVANCED PLACEMENT English Language and Composition (3013)**

**1 credit**

**Prerequisites: Students must meet two (2) of the following criteria:**

- A PLAN composite of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- 93 average in English 2 or 85 in honors English 2; or
- Recommendation from two (2) previous English teachers.

A writing sample may be required.

**Board-approved materials fee may be requested, but not required.**

"An AP Course in English Language and Composition engages students in becoming skillful readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and becoming skilled writers who compose for a variety of purposes." (College Board)

Summer reading is required and is based on the teacher's approved syllabus from the College Board. This list will be made available to students at each school. Students will take the national Advanced Placement examination in the spring; those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement English 3, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

## **ENGLISH 4 (3005)**

**1 credit**

**Prerequisite: English 3**

**Board-approved materials fee may be requested, but not required.**

Focuses on the study of language, composition, and British literature. A research paper is required.

## ENGLISH 4 - HONORS (3005H)

1 credit

**Prerequisite:** Students must meet at least one of the following:

- 93 average in English 3
- 85 average in Honors English 3

**Board-approved materials fee may be requested, but not required.**

Includes the study of language, British literature, and composition, including essays. An expanded research paper is required.

## ENGLISH 4 – APPLIED COMMUNICATIONS (3007)

1 credit

**Prerequisites:** Students must meet each of the following:

- Credit in a career/technical class
- Must have already passed the Gateway English 2 test

**Board-approved materials fee may be requested, but not required.**

This course is designed for students who are CTE concentrators. Emphasizes communication, employability, decision-making, computer literacy, and technical writing skills. This course equips students with communication skills needed to work and compete in a highly technological society. Satisfies the English 4 (NOT Honors English 4) credit required for graduation.

## ENGLISH 4: ADVANCED PLACEMENT English Literature and Composition (3014)

2 credits (full-year)

**Prerequisites:** Advanced Placement English 3; OR two (2) of the following criteria:

- an ACT composite score of 22 or higher;
  - PSAT or SAT verbal score at the 50th percentile or higher;
  - a TCAP writing score of 5 or 6 in the eleventh grade
  - 85 in honors English 3; or
  - recommendation from two (2) previous English teachers.
- A writing sample may be required.

**Board-approved materials fee may be requested, but not required.**

“An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work’s structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.” (College Board)

**Summer reading is required and is based on the teacher’s approved syllabus from the College Board.** Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement English 4, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

## DUAL ENROLLMENT COURSES

Dual enrollment courses may be offered through a college or university. Students who complete and pass the course(s) may earn high school and college credit. Students are responsible for payment of college tuition. It is the responsibility of the student to verify that the credit will be accepted at the university they will attend.

Open to grades 11 and 12

**Prerequisites:** G.P.A. of 3.0 in the subject area of enrollment

A minimum ACT composite score of 19 and an ACT score of 19 on the appropriate subtest. The college/university may establish higher scores.

Appropriate course prerequisites

**Board-approved materials fee may be requested, but not required.**

**Dual enrollment courses are weighted as all other Honors courses.**

**Students choosing to take a college course during the school day at their home school, or other site, may do so with the approval of the principal. Students choosing to do so may have the course treated as a Dual Enrollment Course.**

**THE FOLLOWING CLASSES ARE ENGLISH/LANGUAGE ARTS ELECTIVES:**

**(THE) BIBLE (3497)**

Open to grades 11 and 12

1 credit

Board-approved materials fee may be **requested, but not required.**

A course that is designed to provide students with an understanding of the Bible and its influence on history, literature, law, and culture. (This course is also listed under Social Studies.)

**CREATIVE WRITING (3012)**

Open to grades 11 and 12

1 credit

**Prerequisites:** Application to include a writing sample; and recommendation from one (1) previous English teacher.

Board-approved materials fee may be **requested, but not required.**

Focuses on self-expression, writing styles, diction, sentence structure, and format. Emphasizes the steps of process writing, writing for a variety of audiences, and diverse genres of writing (i.e. short stories, poetry, essays, drama).

**GATEWAY/EOC ENGLISH (3080)**

An intervention option for students which will enhance the opportunity for success the Tennessee Gateway Test / **End of Course** Test for English 2.

1 credit

**Elective credit only; will not substitute for required English credit**

Board-approved materials fee may be **requested, but not required.**

**This course** focuses on those areas necessary for success on the Tennessee Gateway/**End of Course** English 2 test, including reading, writing, viewing and representing, and speaking and listening.

**JOURNALISM: NEWSPAPER (3008P)**

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits per year

**Students are selected by application.**

A course that focuses on basic and advanced news/sports, feature, and editorial writing; interviewing techniques; journalistic usage, style, and terminology; page design; photography; headline writing; and finances.

**JOURNALISM: YEARBOOK (3008Y)**

Open to grades 9, 10, 11, and 12

1 credit per semester enrolled, up to 2 credits per year

**Students are selected by application.**

A course that offers experience in layout design, copy writing, word processing, artistic design, editing skills, photography, and production of the school's yearbook.

**READING (3099A)**

Open to grades 9 and 10

1 credit

**Recommendation:** Students scoring at or below the fourth (4<sup>th</sup>) stanine on the reading and/or language arts sections of the seventh (7<sup>th</sup>) or eighth (8<sup>th</sup>) grade Terra Nova.

**Elective credit only; will not substitute for required English credit**

Board-approved materials fee may be **requested, but not required.**

Focuses on developmental reading skills, including vocabulary development and reading comprehension; may be taken concurrently with English 1 or 2.

**SPEECH (3015)**

**Open to grades 10, 11, and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

A basic speech course designed to improve the student's ability to compose, to think, to listen critically, and to deliver different types of speeches. Emphasizes development of ideas, organization, delivery, and debate.

# English Language Learners

## **ENGLISH LANGUAGE LEARNERS**

### **ENGLISH AS A SECOND LANGUAGE 1\* (3075)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Focuses on the basic skills of English for students at the beginning proficiency level. This course focuses on the basic concepts of reading, writing, listening, and speaking in the English language. Designed for those students for whom English is not the primary language.

### **ENGLISH AS A SECOND LANGUAGE 2\* (3076)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Builds upon the basics and expands comprehension with the introduction of academic vocabulary. The curriculum focuses on advancing literary skills for the development of new knowledge/skills. Designed for those students for whom English is not the primary language.

### **ENGLISH AS A SECOND LANGUAGE 3\* (3077)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Builds on the skills earned in E.S.L. 2 and adds additional academic language needs. The emphasis is more on academic processes and content knowledge, rather than basics. Designed for those students for whom English is not the primary language.

### **ENGLISH AS A SECOND LANGUAGE 4\* (3078)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Focuses on academic content appropriate for grade level of students. More reading and writing content is used. Grammar structure is emphasized. Designed for those students for whom English is not the primary language.

**\*NOTE: Two (2) credits in E.S.L. may substitute for two (2) of the four (4) credits In English which are required for graduation.**

# FINE ARTS

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### **ADVANCED PLACEMENT STUDIO ART (3506)**

**1 credit**

**Prerequisites:** Art 1, 2, and 3; and ONE of the following:

- Art 4, OR
- Recommendation from one (1) previous art teacher

**Board-approved materials fee may be requested, but not required.**

A college-level course in the visual arts in which students develop a portfolio of art work, including, but not limited to, drawing, painting, mixed media, printmaking, sculpture, and computer graphics. Students are required to demonstrate excellence in three areas: **quality** (excellence in original art work); **concentration** (an in-depth personal commitment to a particular artistic concern); and **breadth** (a variety of experiences in using the formal technical and expressive means available to an artist). Students will have an original portfolio of their work, a slide presentation, and the opportunity to submit work on a compact disk. College credit is awarded based upon review of the portfolio by the A.P. College Board. For more information about Advanced Placement Studio Art, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **ART HISTORY (3515)**

**Open to grades 10, 11, and 12**

**1 credit**

A study of the visual arts within cultural contexts. Emphasis is placed upon the language of the visual arts and an understanding of artists, their works, and their impact on society, leading to an appreciation of their unique place throughout history.

### **DANCE 1 (3525)**

**Open to grades 9, 10, 11, and 12**

**1 credit per semester enrolled, up to 2 credits**

**Board-approved materials fee may be requested, but not required.**

A course that seeks to give students experience in the study and performance of a diverse repertoire of movement. The course includes instruction in proper dance technique, performance skills, and the cultural and historical context of dance history. This course also will develop critical thinking, creativity, and perceptual skills.

### **DANCE 2 (3525A)**

**Open to grades 9, 10, 11, and 12**

**1 credit per semester enrolled, up to 2 credits**

**Prerequisite:** Dance 1

**Board-approved materials fee may be requested, but not required.**

A continuing exploration of the techniques and concepts of Dance 1. Students will be exposed to more demanding expectations for performance technique and understanding of the art and history of dance.

### **DANCE 3 (3525B)**

**Open to grades 10, 11, and 12**

**1 credit per semester enrolled, up to 2 credits**

**Prerequisite:** Dance 2

**Board-approved materials fee may be requested, but not required.**

A continuing exploration of the history, techniques, and concepts of Dance 2. Students will focus on performance technique. This course will include instruction in creating and evaluating movement based on choreographic structures and principles.

### **DANCE 4 (3528)**

**Open to grades 11 and 12**

**1 credit per semester enrolled, up to 2 credits**

**Prerequisite:** Dance 3

**Board-approved materials fee may be requested, but not required.**

A continuing exploration of the history, techniques, and concepts of Dance 3 with focus on more advanced performance techniques. This course will include advanced instruction in creating and evaluating movement based on choreographic structures and principles.

### **GENERAL MUSIC 1 (3505)**

**Open to grades 9, 10, 11, and 12**

**1 credit**

A study of the elements (pitch, rhythm, harmony, tone quality, form), history, and the role of music in today's society. The course will encourage active participation in performing and creating music through a balanced, comprehensive, and sequential program of study. In addition, a correlation between music, the other arts, and academic disciplines will be included.

### **INSTRUMENTAL MUSIC: BEGINNING (3530B)**

**1 credit per semester enrolled, up to 2 credits**

**Board-approved materials fee may be requested, but not required.**

An organized class that provides musical performance and study for students with no or limited band experience. The course is designed to develop proficiency in musical performance, an understanding of the art of music, and an appreciation of the creative and intrinsic values of music which can result in a life-long vocation/avocation. Participation in school and public performances **is** required.

### **INSTRUMENTAL MUSIC (MARCHING/CONCERT BAND) (3530)**

**1 credit per semester enrolled, up to 2 credits per year**

**Prerequisite: Open to all students who have at least one (1) year of previous band experience.**

**Board-approved materials fee may be requested, but not required.**

An organized class that provides musical performance and study. The course is designed to develop proficiency in musical performance, an understanding of the art of music, and an appreciation of the creative and intrinsic values of music which can result in a life-long vocation/avocation. Participation in school and public performances required.

### **MUSIC THEORY AND HARMONY (3514)**

**Open to grades 10, 11, and 12**

**Prerequisite: One credit in a previous high school, music based, performance class**

**1 credit**

A course designed to give students advanced experiences in the principles of analysis and composition. The course will include instruction in fundamentals of tonal harmony and ear-training. **This course** will encourage the application of the concepts presented, culminating in original compositions.

### **THEATRE 1 (3520)**

**Open to grades 10, 11, and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

An introduction to the art of theater which includes studying, researching, critiquing, creating, designing, performing, and participating in a variety of theatre-based learning experiences as well as exploring the theatre's significance and influence on society. The course will include instruction in performance and design techniques, style, and history.

### **THEATRE 2 (3521)**

**Open to grades 11 and 12**

**1 credit**

**Prerequisite: Theatre 1**

**Board-approved materials fee may be requested, but not required.**

An in-depth study of theatre arts, to include performance-based experiences while using appropriate technology and media. This course will include critical thinking, creativity, and aesthetic perception and will reinforce skills in leadership and collaboration.

### **THEATRE 3 (3522)**

**Open to grades 11 and 12**

**1 credit**

**Prerequisite: Theatre 2**

**Board-approved materials fee may be requested, but not required.**

An in-depth study of set design, set construction, lighting, make-up, and costuming as it relates to stage and film. The course also includes techniques of stage direction and character study. Participation in school productions is mandatory.

### **VISUAL ART 1 (3501)**

**Open to grades 9, 10, 11, and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

A beginning course designed to provide self-expression and to explore artistic interests and capabilities of the student. Emphasis is placed upon basic art concepts, vocabulary, history, and techniques of design in their application to two dimensional art forms. Includes tempera paint, pencil, pen and ink, pastels, and three- (3) dimensional art forms.

### **VISUAL ART 2 (3502)**

**Open to grades 9, 10, 11, and 12**

**1 credit**

**Prerequisite: Art 1**

**Board-approved materials fee may be requested, but not required.**

A course providing a more extensive experience with artistic skills while employing the basic art concepts introduced in Art 1. Includes activities intended to enhance personal enrichment in the visual arts; drawing, painting, and sculpting.

### **VISUAL ART 3 (3503)**

**Open to grades 10, 11, and 12**

**1 credit**

**Prerequisites: Art 2**

**Board-approved materials fee may be requested, but not required.**

A course for the artistically serious-minded student. Focuses on the fine arts (drawing, painting, printmaking, and three-dimensional) and includes an intensive study of design concepts, technique, and media, with emphasis on development of individual style.

### **VISUAL ART 4 (3504)**

**Open to grades 10, 11, and 12**

**1 credit**

**Prerequisite: Art 3**

**Board-approved materials fee may be requested, but not required.**

An advanced course which emphasizes all aspects of art, including painting, pictorial organization, advertising, design, graphic arts, illustration, printing, sculpting, and portfolio presentation. Focuses on achieving technical mastery in the areas of art production, art criticism, aesthetics, and art history and on developing problem-solving and critical-thinking skills.

### **VOCAL MUSIC 1 (3531)**

**Open to grades 9, 10, 11, and 12**

**1 credit per semester enrolled, up to 2 credits**

**Board-approved materials fee may be requested, but not required.**

A performing choral group with a repertoire (that may include, both secular and non-secular music) that includes participation in two (2) major concerts each school year plus special performances as available and appropriate. Includes basic music theory and history.

**VOCAL MUSIC 2 (3531A)**

Open to grades 10, 11, and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Vocal Music 1

Board-approved materials fee may be requested, but not required.

Builds upon performance skills acquired in Vocal Music 1 and includes participation in concerts and special performances. Includes music theory and history.

**VOCAL MUSIC 3 (3531B)**

Open to grades 11 and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Vocal Music 1; Audition

Board-approved materials fee may be requested, but not required.

Includes advanced repertoire, performance skills, choreography, advanced music theory, and music history.

Participation in concerts (small and group performances) and special community performances is required.

**VOCAL MUSIC 4 (3531C)**

Open to grades 11 and 12

1 credit per semester enrolled, up to 2 credits

Prerequisite: Vocal Music 1; Audition

Board-approved materials fee may be requested, but not required.

Includes advanced repertoire, performance skills, choreography, advanced music theory, and music history.

Participation in concerts, small and group performances, and special community performances is required.

# FOREIGN LANGUAGES

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### **FRENCH 1 (3041)**

**1 credit**

**Prerequisite:** Ninth graders must have a minimum of a 75 average in eighth grade English

**Board-approved materials fee may be requested, but not required.**

French I students are introduced to the four basic skills of foreign language: listening, reading, speaking, and writing. Learning occurs through an exposure to a variety of teaching methods to ensure oral and written competency at the novice level.

### **FRENCH 1 Honors (3041)**

**1 credit**

**Prerequisite:** Either teacher recommendation or a grade of 85 or higher in the preceding English course

French I Honors students are introduced at an accelerated pace to the four basic skills of a foreign language: listening, reading, speaking, and writing. Learning occurs through an exposure to a variety of teaching methods to ensure oral and written competency at the novice level. Vocabulary acquisition and knowledge of basic grammar principles are also a primary focus.

### **FRENCH 2 (3042)**

**1 credit**

**Prerequisite:** French I

**Board-approved materials fee may be requested, but not required.**

More intensive work in French grammar and an increased emphasis on oral comprehension, speaking, reading, and writing. Varied learning activities promote communicative skills and reinforce basic structures and vocabulary. This course also studies French history and French culture.

### **FRENCH 2 Honors (3042)**

**1 credit**

**Prerequisite:** 85 in French I Honors or 93 in French I

French 2 Honors students work at an accelerated pace in a course that exceeds French 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. More intensive work in French grammar and an increased emphasis on oral comprehension, speaking, reading, and writing. Varied learning activities promote communicative skills and reinforce basic structures and vocabulary. This course also studies French history and French culture.

### **FRENCH 3 (3043)**

**1 credit**

**Prerequisite:** French 2

**Board-approved materials fee may be requested, but not required.**

Major emphasis on oral and written expression and comprehension; includes advanced work with French grammar, the study of French literature, and a detailed study of French history and French culture.

### **FRENCH 3 Honors (3043)**

**1 credit**

**Prerequisite:** 85 in French 2 Honors or 93 in French 2

French 3 Honors students work at an accelerated pace in a course that exceeds French 3 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A major emphasis is placed upon oral and written expression and comprehension; includes advanced work with French grammar, the study of French literature, and detailed study of French history and French culture.

### **GERMAN 1 (3051)**

**1 credit**

**Prerequisite:** Ninth graders must have a minimum of a 75 average in eighth grade English

**Board-approved materials fee may be requested, but not required.**

An introductory course which explores the German language through the five (5) basic areas of communication, culture, connections, comparisons, and community. The course focuses on listening and speaking skills with some reading of lists, signs, picture captions, post cards, letters, and other similar texts. Initiates an awareness of Germany's position in the European community and its importance as a participant in the global economy.

### **German 1 Honors (3051)**

**1 credit**

**Prerequisite:** Either teacher recommendation or a grade of 85 or higher in the preceding English course

German 1 Honors students work at an accelerated pace in a course that exceeds German 1 standards by delving deeper into the curriculum and meeting the state's Honors criteria. This introductory course explores the German language through the five basic areas of communication, culture, connections, comparisons, and community. The course focuses on listening and speaking skills with some reading of lists, signs, picture captions, post cards, letters, and other similar texts. Initiates an awareness of Germany's position in the European community and its importance as a participant in the global economy.

### **GERMAN 2 (3052)**

**1 credit**

**Prerequisite:** German 1

**Board-approved materials fee may be requested, but not required.**

A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community. Increased opportunities to improve speaking fluency. Emphasis is placed upon grammatical concepts within conversational contexts to improve accuracy.

### **German 2 Honors (3052)**

**1 credit**

**Prerequisite:** 85 in German I Honors or 93 in German I

German 2 Honors students work at an accelerated pace in a course that exceeds German 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community. Increased opportunities to improve speaking fluency. Emphasis is placed upon grammatical concepts within conversational contexts to improve accuracy.

### **GERMAN 3 (3053)**

**1 credit**

**Prerequisite:** German 2

**Board-approved materials fee may be requested, but not required.**

A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community, with an emphasis on fluency and accuracy in conversational skills. Students will converse in various situations to include at least one exercise from a business environment.

### **German 3 Honors (3053)**

**1 credit**

**Prerequisite:** 85 in German 2 Honors or 93 in German 2

German 3 Honors students work at an accelerated pace in a course that exceeds German 3 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A continued study of the German language through the five basic areas of communication, culture, connections, comparisons, and community, with an emphasis on fluency and accuracy in conversational skills. Students will converse in various situations to include at least one exercise from a business environment.

**GERMAN 4 - ADVANCED PLACEMENT (3055)**

1 credit

**Pre-requisite:** Students must meet two (2) of the following criteria:

- an ACT composite score of 22 or higher;
- credit in German 3, with an average of 85 or higher;
- PSAT or SAT verbal score at the 50<sup>th</sup> percentile or higher; or
- a 93 average in the most recent regular English or 85 in the most recent honors English course.

**Board-approved materials fee may be requested, but not required.**

The equivalent of a third-year college course, this course encompasses verbal skills, reading comprehension, grammar, and composition and seeks to develop useful language skills that can be applied to various activities. Includes extensive training in the organization and writing of compositions. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement German 4, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

**LATIN 1 (3031)**

1 credit

**Prerequisite:** Ninth graders must have a minimum of a 75 average in eighth grade English**Board-approved materials fee may be requested, but not required.**

An introduction to the Latin language and to Greek and Roman cultures and mythology. Provides an opportunity for the student to increase his/her English vocabulary. Emphasizes the structure and reading of the Latin language.

**Latin 1 Honors (3031)**

1 credit

**Prerequisite:** Either teacher recommendation or a grade of 85 or higher in the preceding English course

Latin 1 Honors students work at an accelerated pace in a course that exceeds Latin 1 standards by delving deeper into the curriculum and meeting the state's Honors criteria. An introduction to the Latin language and to Greek and Roman cultures and mythology. Provides an opportunity for the student to increase his/her English vocabulary. Emphasizes the structure and reading of the Latin language.

**LATIN 2 (3032)**

1 credit

**Prerequisite:** Latin 1**Board-approved materials fee may be requested, but not required.**

Reinforces the vocabulary, forms, and syntax learned in Latin I and provides additional studies in mythology, poetry, and Caesar's Gallic Wars.

**Latin 2 Honors (3032)**

1 credit

**Prerequisite:** 85 in Latin I Honors or 93 in Latin I

Latin 2 Honors students work at an accelerated pace in a course that exceeds Latin 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. Reinforces the vocabulary, forms, and syntax learned in Latin I and provides additional studies in mythology, poetry, and Caesar's Gallic Wars.

**LATIN 3 (3033)**

1 credit

**Prerequisite:** Latin 2**Board-approved materials fee may be requested, but not required.**

Includes the translation of the philosophical writings of Cicero and the poetry of Ovid; an intensified study of Roman history, government, and philosophy; and an introduction to other classical literature.

### **Latin 3 Honors (3033)**

**1 credit**

**Prerequisite: 85 in Latin 2 Honors or 93 in Latin 2**

Latin 2 Honors students work at an accelerated pace in a course that exceeds Latin 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. Includes the translation of the philosophical writings of Cicero and the poetry of Ovid; an intensified study of Roman history, government, and philosophy; and an introduction to other classical literature.

### **SPANISH 1 (3021)**

**1 credit**

**Prerequisite: Ninth graders must have a minimum of a 75 average in eighth grade English**

**Board-approved materials fee may be requested, but not required.**

An introduction to the culture, geography, and language of Spanish-speaking countries. This course emphasizes the four language skills (reading, writing, speaking, and listening) and focuses on an understanding of the basic Spanish grammar structure and oral communication.

### **Spanish 1 Honors (3021)**

**1 credit**

**Prerequisite: Either teacher recommendation or a grade of 85 or higher in the preceding English course**

Spanish 1 Honors students work at an accelerated pace in a course that exceeds Spanish 1 standards by delving deeper into the curriculum and meeting the state's Honors criteria. This course introduces the culture, geography, and language of Spanish-speaking countries. Emphasis is placed upon the four language skills (reading, writing, speaking, and listening) and focuses on an understanding of the basic Spanish grammar structure and oral communication.

### **SPANISH 2 (3022)**

**1 credit**

**Prerequisite: Spanish 1**

**Board-approved materials fee may be requested, but not required.**

A continuation of Spanish I with increased emphasis on listening comprehension, speaking, reading, and writing. There is an in-depth study of Spanish grammar and an emphasis on oral comprehension and composition. Varied learning activities promote communication skills and reinforce basic structures and vocabulary.

### **Spanish 2 Honors (3022)**

**1 credit**

**Prerequisite: 85 in Spanish I Honors or 93 in Spanish I**

Spanish 2 Honors students work at an accelerated pace in a course that exceeds Spanish 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. A continuation of Spanish I with increased emphasis on listening comprehension, speaking, reading, and writing. There is an in-depth study of Spanish grammar and an emphasis on oral comprehension and composition. Varied learning activities promote communication skills and reinforce basic structures and vocabulary.

### **SPANISH 3 (3023)**

**1 credit**

**Prerequisite: Spanish 2 credit**

**Board-approved materials fee may be requested, but not required.**

Designed to promote further language proficiency by helping students to see Spanish as a tool for communication. Emphasizes translation, conversation, and cultural information.

### **Spanish 3 Honors (3023)**

**1 credit**

**Prerequisite: 85 in Spanish 2 Honors or 93 in Spanish 2**

Spanish 3 Honors students work at an accelerated pace in a course that exceeds Spanish 2 standards by delving deeper into the curriculum and meeting the state's Honors criteria. Designed to promote further language proficiency by helping students to see Spanish as a tool for communication. Emphasizes translation, conversation, and cultural information.

### **SPANISH 4 - HONORS (3024)**

1 credit

**Pre-requisite:** 85 average in Spanish 3

**Board-approved materials fee may be requested, but not required.**

Develops proficiency in listening and speaking skills. Short stories and condensed novels will be read and discussed. Emphasis is placed on creative thinking, oral communication, and comprehension.

### **SPANISH : ADVANCED PLACEMENT - THE SPANISH LANGUAGE (3025)**

1 credit

**Pre-requisite:** Students must meet two (2) of the following criteria:

- an ACT composite score of 22 or higher;
- teacher recommendations from two previous language teachers;
- Credit in Spanish 4 with an 85 average or higher;
- PSAT or SAT verbal score at the 50<sup>th</sup> percentile or higher; or
- 93 average in most recent regular English or 85 in most recent honors English.

**Board-approved materials fee may be requested, but not required.**

The equivalent of a third-year college course, this course encompasses verbal skills, reading comprehension, grammar, and composition and seeks to develop useful language skills that can be applied to various activities. Includes extensive training in the organization and writing of compositions. Students will take the national Advanced Placement examination in the spring; those scoring high enough may receive college credit, advanced placement, or the right to waive a required English course in college. For more information about Advanced Placement Spanish: The Spanish Language, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **DUAL ENROLLMENT COURSES**

Dual enrollment courses may be offered through a college or university. Students who complete and pass the course(s) may earn high school and college credit. Students are responsible for payment of college tuition. It is the responsibility of the student to verify that the credit will be accepted at the university they will attend.

Open to grades 11 and 12

**Prerequisites:** Grade point of 3.0 in the subject area of enrollment

A minimum ACT composite score of 19 and an ACT score of 19 on the appropriate subtest (The college/university may establish higher scores.)

Appropriate course prerequisites

**Board-approved materials fee may be requested, but not required.**

**Dual enrollment courses are weighted as all other Honors courses.**

**Students choosing to take a college course during the school day at their home school, or other site, may do so with the approval of the principal. Students choosing to do so may have the course treated as a Dual Enrollment Course.**

# MATHEMATICS

## MATHEMATICS

Wilson County Schools recommend that students follow the following math sequence: **Algebra 1 (or Algebra 1A/1B) – Geometry – Algebra 2 (or Algebra 2A/2B)**.

**STUDENT PLACEMENT:** Determination of student placement in either Gateway/**End of Course** Intervention I, Algebra 1A/1B or Algebra 1 will be based **on the following**:

- A TVAAS projection of 70 percent or better for scoring proficient on the Gateway Algebra 1 examination
- Previous math grades (ex. 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grades), and
- Teacher recommendation.

### **Transition to Algebra INTERVENTION I (3180)**

**Open to grade 9**

**1 credit**

**Elective credit only; will not substitute for required math credit.**

**Board-approved materials fee may be requested, but not required.**

This course is open to incoming freshmen who require the opportunity to prepare for the challenges of high school math prior to entering an algebra class.

### **ALGEBRA 1A (term 1)/1B (term 2) (3102A/3102B)**

**2 credits, as described below**

**Prerequisite for Algebra 1B: Passing grade in 1A**

**Board-approved materials fee may be requested, but not required.**

A course that uses problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. It includes the study of the concepts of functions, solving equations, slope as rates of change, and proportionality. Students will use physical models to represent, explore, and develop abstract concepts. The use of appropriate technology will help students apply mathematics in an increasingly technological world. Graphing calculators **are** required. A score at the proficient or advanced level on the Mathematics (Algebra 1) Gateway test is required of any student receiving a regular high school diploma **(if they entered high school as a ninth grader prior to 2009)**. This assessment will count as **20%** of the student's final grade for this course.

**NOTE: 1 math credit elective in Foundations of Math 2 will be awarded for Algebra 1A (term 1); 1 Algebra 1 credit will be awarded for Algebra 1B (term 2).**

**Students who are unsuccessful in Algebra 1/A may be placed in Gateway Intervention prior to repeating Algebra 1/A.**

### **ALGEBRA 1 (3102)**

**1 credit (1 term only)**

**Board-approved materials fee may be requested, but not required.**

A course that uses problem situations, physical models, and appropriate technology to extend algebraic thinking and engage student reasoning. It includes the study of the concepts of functions, solving equations, slope as rates of change, and proportionality. Students will use physical models to represent, explore, and develop abstract concepts. The use of appropriate technology will help students apply mathematics in an increasingly technological world. **This course** covers the topics of Algebra 1A/1B at a much faster pace and in a more in-depth fashion, with an emphasis on word problems and mastery at solving equations and graphing functions. Graphing calculators required. A score at the proficient or advanced level on the Mathematics (Algebra 1) Gateway test is required of any student receiving a regular high school diploma **(if they entered high school as a ninth grader prior to 2009)**. This assessment will count as **20%** of the student's final grade for this course.

### **GATEWAY MATHEMATICS (Algebra) INTERVENTION II (3180)**

Open to Grade 9, 10, 11, 12

1 credit

**Elective credit only; will not substitute for required math credit.**

**Board-approved materials fee may be requested, but not required.**

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Algebra 1 test, including number sense and number theory; estimation, measurement, and computation; patterns, functions, and algebraic thinking; statistics and probability; and spatial sense and geometric concepts.

### **GEOMETRY (3108)**

1 credit

**Prerequisite: A credit in Algebra 1, Algebra 1-B, or Technical Algebra**

**Board-approved materials fee may be requested, but not required.**

An introduction to concepts of planes and spatial geometry and measurements, angle relationships, points, lines, circles and solids, writing formal proofs and constructing geometric figures, emphasizing inductive and deductive reasoning, and clarity and precision of language.

### **GEOMETRY - HONORS (3108H)**

1 credit

**Prerequisite: 85 average in Algebra 1 or Algebra 1B**

**Board-approved materials fee may be requested, but not required.**

Covers the topics of regular Geometry at a greater level of mastery. Additional topics include coordinate geometry, transformations, and greater use of algebra skills.

### **Algebra II A / Algebra II B (3103A / 3103B)**

**2 credits / 2 semesters**

**Prerequisite for Algebra IIB: Passing grade in Algebra IIA**

Algebra IIA/IIB covers Algebra II standards in 2 semesters allowing students to have more time to meet course expectations. A study of the complex number system and its properties, factorization, simplification of radicals and polynomials, linear and quadratic functions, graphs and equations, matrices, determinants, rational expressions, probability, and statistics. Graphing calculators are required.

**One (1) elective math credit in Intermediate Algebra will be awarded for Algebra IIA; one (1) credit in Algebra II will be awarded for Algebra IIB.**

### **ALGEBRA 2 (3103)**

1 credit

**Prerequisites: Students must have one of the following:**

- Overall average of **80** or above in either Algebra 1, Algebra 1-B, or Technical Algebra,
- a credit in Intermediate Algebra; or
- previous Algebra teacher's recommendation

**Board-approved materials fee may be requested, but not required.**

A study of the complex number system and its properties, factorization, simplification of radicals and polynomials, linear and quadratic functions, graphs and equations, matrices, determinants, rational expressions, probability, and statistics. Graphing calculators **are** required.

### **ALGEBRA 2 - HONORS (3103H)**

1 credit

**Prerequisite: 85 average in Algebra 1 or Algebra 1-B (as a first-time taker)**

Includes all the topics in a regular Algebra 2 class in greater detail and at a faster pace, with more emphasis on applications. Additional topics include linear programming, summation, and logarithms. Graphing calculators **are** required.

**ADVANCED ALGEBRA AND TRIGNOMETRY - HONORS (3124)****1 credit****Prerequisites:** Credits in Algebra 1, Geometry, and Algebra 2**Recommendation:** Knowledge of graphing calculators

An advanced mathematics course that extends algebraic concepts and applications and that develops trigonometric functions and applications. Through meaningful problems and appropriate technologies, students study a variety of radical, rational, polynomial, exponential, circular, and logarithmic functions. Graphing calculators are required.

**DISCRETE MATHEMATICS WITH STATISTICS AND PROBABILITY (3135)****1 credit****Prerequisites:** Algebra 2 and Geometry**Open to grades 12****Board-approved materials fee may be requested, but not required.**

An advanced course that introduces students to the mathematics of networks, social choice, and decision making. It uses finite structures to represent and determine solutions to problem situations; collecting, representing, and processing data; and applying probability in problem-solving. Graphing calculators recommended.

**PRE-CALCULUS - HONORS (3126)****1 credit****Prerequisites:** Algebra 2, Geometry, and Advanced Algebra and Trigonometry**Recommendation:** Knowledge of graphing calculators**Board-approved materials fee may be requested, but not required.**

Bridges the mathematical gap between Algebra and Calculus. Includes topics common to college algebra, such as functions and their graphs, parametric equations, vectors, linear algebra, and conics. Graphing calculators required.

**STATISTICS - HONORS (3136)****1 credit****Prerequisites:** Algebra 2 and Geometry**Board-approved materials fee may be requested, but not required.**

A non-calculus based course, focusing on statistical representation and analysis. Designed for students planning to attend post-secondary training, including, but not limited to, college. Graphic calculators are required.

**CALCULUS - ADVANCED PLACEMENT AB (3127)****2 credits (full-year)****Prerequisites:** Advanced Algebra and Trigonometry and Pre-Calculus AND two (2) of the following:

- an ACT composite score of 22 or higher;
- PSAT or SAT numerical score at the 50th percentile or higher;
- recommendations from two (2) previous math teachers; or
- 85 average in Pre-Calculus and Trigonometry

**Board-approved materials fee may be requested, but not required.**

Course includes limits, differentiation, and integration (with applications, logarithmic, exponential and trigonometric functions, techniques of integration). Examples emphasize the unlimited applications of calculus in the fields of physics, chemistry, biology, engineering, and economics. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. Graphing calculators are required. For more information about Advanced Placement Calculus, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com)

**CALCULUS - ADVANCED PLACEMENT BC (3128)**

2 credits (full-year)

**Prerequisites:** Advanced Algebra and Trigonometry and Pre-Calculus AND two (2) of the following:

- an ACT composite score of 22 or higher;
- PSAT or SAT numerical score at the 50th percentile or higher;
- recommendations from two (2) previous math teachers; or
- 85 average in Pre-Calculus and Trigonometry.

**Board-approved materials fee may be requested, but not required.**

Calculus BC is an extension of Calculus AB rather than an enhancement; common topics require similar depth of understanding. Both courses are intended to be challenging and demanding. Students will take the national Advanced Placement examination in the spring. Students receiving 2 credits in Calculus AB may receive only 1 credit in Calculus BC. This 1 credit is earned in the second semester of the course. Those scoring high enough may receive college credit. Graphing are calculators required. For more information about Advanced Placement Calculus, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com)

**STATISTICS- ADVANCED PLACEMENT (3129)**

1 credit

**Pre-requisites:** Geometry and Algebra 2 AND two (2) of the following:

- an ACT composite score of 22 or higher;
- PSAT or SAT numerical score at the 50th percentile or higher;
- recommendations from two (2) previous math teachers; or
- 85 average in Algebra 2 and Geometry.

**Board-approved materials fee may be requested, but not required.**

Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four (4) broad conceptual themes: Exploring data (describing patterns and departures from patterns); sampling and experimentation (planning and conducting a study); anticipating patterns (exploring random phenomena using probability and simulation); and statistical inference (estimating population parameters and testing hypotheses). For more information about Advanced Placement Statistics, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

**DUAL ENROLLMENT COURSES**

Dual enrollment courses may be offered through a college or university. Students who complete and pass the course(s) may earn high school and college credit. Payment of college tuition is required for those students choosing to receive college credit. It is the responsibility of the student to verify that the credit will be accepted at the university they will attend.

Open to grades 11 and 12

**Prerequisites:** Grade point of 3.0 in the subject area of enrollment

A minimum ACT composite score of 19 and an ACT score of 19 on the appropriate subtest (The college/university may establish higher scores.)

**Appropriate course prerequisites****Board-approved materials fee may be requested, but not required.****Dual enrollment courses are weighted as all other Honors courses.**

**Students choosing to take a college course during the school day at their home school, or other site, may do so with the approval of the principal. Students choosing to do so may have the course treated as a Dual Enrollment Course.**

**CTE Courses which may be used to meet mathematics requirements for graduation:**

**TECHNICAL MATHEMATICS (3114)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Uses problem situations, physical models, and appropriate technology to extend algebraic thinking and to engage student reasoning. Includes problem-solving situations (including those related to a variety of careers and technical fields) and provides students an environment which promotes communication and fosters connections within math to other disciplines and to the technological workplace. Includes problem-solving, reasoning, connections, communication, and representation and the relationship of these mathematical processes to applications of the content in the workplace. Students will be required to pass the CTE/CA Safety test as a requirement for this class.

**Algebra 1 CTE (3123)**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Uses problem situations, physical models, and appropriate technology to extend algebraic thinking and to engage student reasoning. Includes problem-solving situations (including those related to a variety of careers and technical fields) and provides students an environment which promotes communication and fosters connections within math to other disciplines and to the technological workplace. Emphasizes measurement, statistical data analysis, functions, solving equations, slope as rates of change, and proportionality. A score at the proficient or advanced level on the Mathematics (Algebra 1) Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This assessment will count as 20% of the student's final grade for this course. Students will take this test as part of this class. Students will be required to pass the CTE/CA Safety test as a requirement for this class.

**NOTE: Not open to students who have passed Algebra 1, Algebra 1-B, Geometry, or higher.**

**Geometry CTE (3122)**

**1 credit**

**Prerequisite: Technical Algebra or Algebra 1 A/B or Algebra 1**

**Board-approved materials fee may be requested, but not required.**

Incorporates the core geometric concepts required in a standard geometry course but includes additional topics that focus on career and technical applications. Uses practical applications, including labs and projects. Includes teaching groups of skills and concepts followed by their incorporation in a real world application and setting. Students will be required to pass the CTE/CA Safety test as a requirement for this class.

# MILITARY SCIENCES

## MILITARY SCIENCE

The Junior ROTC Program\* is designed to develop leadership skills in high school students. It is not combat training, nor is it a recruiting program. It is, however, an academic course of instruction, combined with practical application and military leadership training which focuses on the development of pride, confidence, self-discipline, and self-improvement. Students may have additional dress code requirements. Participants incur no military obligation.

**\*NOTE: Two (2) credits in JROTC may substitute for the one (1) credit in Wellness required for graduation, provided instruction includes course content for Wellness as stipulated by the State Board of Education. Three (3) credits in J.R.O.T.C. meet the graduation requirement for United States Government. Five (5) credits in J.R.O.T.C. meet the graduation requirement for Personal Finance.**

### **JROTC 1\* (3331) or (3331V)**

**1 credit**

Provides basic training in leadership tenets, physical fitness and health, drill and ceremonies, marksmanship, and military organization. Cadets are expected to develop certain positive attitudes, values, and leadership qualities from the instruction and the leadership provided by the instructors. This course emphasizes drill and ceremonies and lays the foundation for the grade level to follow. Students will be required to wear proper JROTC acquired uniforms periodically.

### **JROTC 2\* (3332)**

**1 credit**

**Prerequisite: JROTC 1 or instructor recommendation**

Provides basic training in leadership tenets, physical fitness and health, drill and ceremonies, marksmanship, and military organization. Cadets are expected to develop certain positive attitudes, values, and leadership qualities from the instruction and the leadership provided by the instructors. This course emphasizes drill and ceremonies and lays the foundation for the grade level to follow. Students will be required to wear proper JROTC acquired uniforms periodically

### **JROTC 3\* (3333)**

**1 credit**

**Prerequisite: JROTC 2 or instructor recommendation**

Builds on the foundation laid in JROTC 1. It explores each subject in greater detail and emphasizes weapons training and marksmanship. Leadership roles are assigned to second year cadets. Students will be required to wear proper JROTC acquired uniforms periodically

### **JROTC 4\* (3334)**

**1 credit**

**Prerequisite: JROTC 3 or instructor recommendation**

Builds on the foundation laid in JROTC 1. It explores each subject in greater detail and emphasizes weapons training and marksmanship. Leadership roles are assigned to second year cadets. Students will be required to wear proper JROTC acquired uniforms periodically

### **JROTC 5\* (3335)**

**1 credit**

**Prerequisite: JROTC 4 or instructor recommendation**

Emphasizes leadership training and practical application. Cadet instructors and some cadet corps senior leaders are third year cadets. Students will be required to wear proper JROTC acquired uniforms periodically.

**JROTC 6\* (3336)**

**1 credit**

**Prerequisite: JROTC 5 or instructor recommendation**

Emphasizes leadership training and practical application. Cadet instructors and some cadet corps senior leaders are third year cadets. Students will be required to wear proper JROTC acquired uniforms periodically

**JROTC 7\* (3337)**

**1 credit**

**Prerequisite: JROTC 6 or instructor recommendation**

Consists entirely of leadership training. Includes participation in leadership research and in presentation of leadership talks to student or community groups. Practical application in staff planning and functioning are also exercised. Students will be required to wear proper JROTC acquired uniforms periodically.

**JROTC 8\* (3338)**

**1 credit**

**Prerequisite: JROTC 7 or instructor recommendation**

Consists entirely of leadership training. Includes participation in leadership research and in presentation of leadership talks to student or community groups. Practical application in staff planning and functioning are also exercised. Students will be required to wear proper JROTC acquired uniforms periodically.

**\*NOTE: Schools which offer JROTC shall include in pre-registration materials information regarding the branch of the armed services with which the school's program is affiliated. In addition, in the course title, the branch shall be specified (i.e., MCJROTC for Marine Corps); however, no branch designation shall be used in the course code.**

# SCIENCES

## SCIENCE

### **LIFE SCIENCE (3208)**

**Open to grade 9; not open to students who have passed Biology 1, Chemistry 1, Ecology, or Physics 1 credit**

An introduction to living things and their relationship to the environment. Focuses on cells, ecological interactions, energy production and use, reproduction and genetics, classification, and environmental diversity.

**NOTE: Does not meet entrance requirements for the University of Tennessee or Tennessee Board of Regents schools**

### **BIOLOGY 1 (3210)**

**Open to grades 9, 10, 11, and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Introduces students to the world of living things, including basic life processes at the molecular, cellular, systemic, organismal, and ecological levels of organizations within the biosphere; interdependence and interactions within the environment to include relationships, behavior, and population dynamics; cultural and historical scientific contributions of men and women; evidence that supports biological evolution; and current and future technologies. Students will investigate the world around them and will develop the knowledge, prerequisite skills, and habits of mind needed for daily living and ethical decision making on issues including biotechnology and the environment, as well as provide a background for advanced biological studies and personal career choices. A score at the proficient or advanced level on the Biology 1 Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This end of course assessment will count as 20% of the student's final grade for this course.

### **GATEWAY BIOLOGY 1 (3280)**

**An intervention option for students which will enhance the opportunity for success on the Tennessee Gateway/End of Course Test for Biology 1**

**1 credit**

**Elective credit only; will not substitute for required science credit**

**Board-approved materials fee may be requested, but not required.**

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Biology 1 test, including cells, interactions, photosynthesis and respiration, genetics and biotechnology, diversity, and biological evolution.

### **BIOLOGY 1 - HONORS (3210H)**

**1 credit**

**Pre-requisite: Students must have one of the following:**

- 93 average in 8<sup>th</sup> grade science; or
- Recommendation from a previous science teacher

**Board-approved materials fee may be requested, but not required.**

Designed to develop an understanding of the diversity and unity in living things. Concepts include interactions of organisms, transfer of energy in organisms, cell structure and function, continuity and change in living things, and biology-related career opportunities. Places increased emphasis on the development of critical thinking skills. A score at the proficient or advanced level on the Biology 1 Gateway test is required of any student receiving a regular high school diploma (if they entered high school as a ninth grader prior to 2009). This end of course assessment will count as 20% of the student's final grade for this course.

### **BIOLOGY II (3216)**

**1 credit**

**Prerequisite: Biology I**

**Board-approved materials fee may be requested, but not required.**

Biology II is a course that introduces students to major specialty areas of biology. The students explore the following: Comparative Anatomy and Zoology, Embryology, Genetics Immunology, Microbiology, and Botany

## **BIOLOGY- ADVANCED PLACEMENT (3217)**

Open to grades 11 and 12

2 credits (full-year)

Prerequisites: Biology 1 and Chemistry 1 AND two (2) of the following criteria:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50th percentile or higher;
- recommendation from previous Biology teacher; or
- 85 average in Honors Biology 1 or 93 in Biology 1.

Board-approved materials fee may be requested, but not required.

A college-level course which includes the study of the interactions of organisms, transfer of energy in organisms, cell structure and function, continuity and change in living things, vertebrate physiology, entomology, and botany. Emphasis on lab, independent study projects, written evaluation, and outside reading. Students will take the national Advanced Placement Examination in the spring; those scoring high enough may receive college credit. For more information about Advanced Placement Biology 2, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

## **CHEMISTRY 1 (3221)**

1 credit

Prerequisite: Algebra 1

Recommendation: Physical Science

Board-approved materials fee may be requested, but not required.

An introductory study of the composition and structure of matter, including atomic structure, chemical composition, solutions, equations, and the application of chemistry to everyday life. Approaches chemistry through laboratory experiments, independent research and reporting techniques, classroom discussions, and follow-up independent activities.

## **CHEMISTRY I - HONORS (3221H)**

1 credit

Prerequisite: 93 in Algebra I

Recommendation: Physical Science

Board-approved materials fee may be requested, but not required.

This is an accelerated comprehensive laboratory course designed to give the students a more conceptual and in-depth understanding of chemistry concepts. In Honors Chemistry students are expected to work independently on a variety of assignments and accept greater responsibility for their learning. The course will include additional objectives and enrichment topics while integrating inquiry and technology to explore the world of chemistry.

This course is recommended for students planning to take AP Chemistry.

## **CHEMISTRY 2 - HONORS (3224)**

1 credit

Prerequisites: Biology 1, Algebra 1, and either an 85 in Honors Chemistry I or a 93 in Chemistry 1

Recommendation: Algebra 2

Board-approved materials fee may be requested, but not required.

A lab-oriented course that includes organic and analytic laboratory experiences. It also includes physical chemistry, organic chemistry, and biochemistry. A research project and paper is required.

### **CHEMISTRY - ADVANCED PLACEMENT (3225)**

Open to grades 11 and 12

2 credits (full year)

Prerequisites: Algebra 2 and Chemistry I or Honors Chemistry I, **and 2 of the following criteria:**

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50<sup>th</sup> percentile or higher;
- Recommendation from previous Chemistry teacher;
- 85 average in Honors Chemistry I or 93 in Chemistry I.

Board-approved materials fee may be **requested, but not required.**

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. This is an academic, quantitative chemistry course. Chemistry is the study of atoms and molecules and how they interact according to physical laws. Such study is applicable to your everyday life and this will be demonstrated repeatedly throughout the year. Topics of study include structure of matter, states of matter, reactions, descriptive chemistry, and chemical calculations. For more information about Advanced Placement Chemistry, including the current exam fee, please **visit** [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **ASTRONOMY (3299)**

1 credit

Open to grades 11 and 12

Prerequisite: Physical Science or Biology

Board-approved materials fee may be **requested, but not required.**

The scientific study of the universe and includes such topics as the formation of the solar system, the sun, the planets, and the moons. **This course** includes lab activities.

**This course is an elective science credit only and does not fulfill the graduation requirement for science.**

### **GEOLOGY (3205)**

Open to grades 10, 11, and 12

1 credit

Prerequisites: Biology 1 and Physical Science or Chemistry

Designed to develop an understanding of the earth's physical resources and to investigate relative dating techniques; the earth's structure; landform evolution; paleoenvironments; rock, hydrological, and geochemical cycles; and geologic maps.

### **ECOLOGY (3255)**

1 credit

Prerequisite: Biology 1, **AND either credit in one of the following classes: Physical Science, Chemistry 1, or Physics**

Board-approved materials fee may be **requested, but not required.**

The study of interactions between organisms and their living and non-living environments. Includes ecological and environmental issues as well as hands-on projects.

### **PHYSICS - HONORS (3231)**

1 credit

Prerequisite or Co-requisite: Advanced Algebra and Trigonometry

Recommendation: Physical Science

Board-approved materials fee may be **requested, but not required.**

A study of the basic physical theories and concepts of matter and energy through various laboratory and mathematical procedures. Uses problems, questions, and examples to explain physical occurrences in everyday life.

**PHYSICAL SCIENCE (3202)**

Open to grades 9, 10, 11, and 12

1 credit

Co-requisite: Algebra 1 or Algebra 1B

Board-approved materials fee may be requested, but not required.

An introduction to the physical area of general science dealing with matter and energy; prepares students for an in-depth study of chemistry and physics. This course cannot be taken after chemistry, geology, or physics.

Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

**Scientific Research (3295)**

1 credit

Open to grades 11 &amp; 12

Prerequisite: Biology I and Chemistry or Physics

Board-approved materials fee may be requested, but not required.

Scientific research is a course in which the student conducts an in-depth research project and presents his or her findings using a variety of media at local, district, regional, state and/or national competitions and/or presentations. Two major components of the course are: a technical report including sections for literature search, design, procedures, analysis of data, experimental results, conclusions, and future directions in addition to an audio-visual presentation that is appropriate to the nature of the research and the type of audience. Students will also engage in many hands-on, inquiry based scientific investigations that may require independent field-work. The following major areas will be investigated: Ethical Practices, Critical Thinking Skills, Scientific Inquiry, Analyzing and Evaluating Data, and Communicating Scientific Results.

**AP Environmental Science**

1 credit

Prerequisites: Algebra 1, Biology 1, and Chemistry I and 2 of the following criteria:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50<sup>th</sup> percentile or higher;
- Recommendation from previous Science teacher.

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. For more information about Advanced Placement Environmental Science, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

**DUAL ENROLLMENT COURSES**

Dual enrollment courses may be offered through a college or university. Students who complete and pass the course(s) may earn high school and college credit. Students are responsible for payment of college tuition. It is the responsibility of the student to verify that the credit will be accepted at the university they will attend.

Open to grades 11 and 12

Prerequisites: Grade point of 3.0 in the subject area of enrollment

A minimum ACT composite score of 19 and an ACT score of 19 on the appropriate subtest (The college/university may establish higher scores.)

Appropriate course prerequisites

Board-approved materials fee may be requested, but not required.

Dual enrollment courses are weighted as all other Honors courses.

Students choosing to take a college course during the school day at their home school, or other site, may do so with the approval of the principal. Students choosing to do so may have the course treated as a Dual Enrollment Course.

**CTE courses which may be used to meet science requirements for graduation:**

**AGRISCIENCE (5171)**

**Open to grade 9 only**

**1 credit**

**Fundamentals of Agriculture may not be taken with/after this course.**

**Meets science credit requirements for high school graduation and college entrance.**

**Board-approved materials fee may be requested, but not required.**

A course designed to provide agriscience education for students considering higher education, with a focus on biological, environmental, chemical, and physical sciences. Includes leadership and personal development skills through FFA membership.

**AGRISCIENCE - HONORS (5171H)**

**Open to grade 9 only**

**1 credit**

**Pre-requisite: 93 average in 8<sup>th</sup> grade science OR recommendation of the 8<sup>th</sup> grade science teacher.**

AgriScience consists of standards which prepare students for biology and subsequent sciences for the university bound student. 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 21<sup>st</sup> century.

**NUTRITION SCIENCE 1 (5615)**

**Open to grades 10, 11, and 12**

**1 credit**

**Prerequisite: One (1) credit in either Biology, Chemistry, or Physical Science**

**This course will fulfill the requirement of either a science course or a Family and Consumer Science elective.**

**Board-approved materials fee may be requested, but not required.**

Focuses on the science of the production, processing, preparation, evaluation, and utilization of food and relates scientific concepts and processes to practical applications in nutrition. Students use scientific methods in laboratory experiments to facilitate the understanding of the human body, nutrition, and science. Academic integration and Gateway/End of Course reinforcement are integral parts of the curriculum.

**PRINCIPLES OF TECHNOLOGY 1 (3220)**

**1 credit**

**Open to grades 10, 11, and 12**

**Prerequisite: Physical Science, Biology, AND either credit in one of the following: Algebra 1 A/B, Algebra 1, or Technical Algebra**

A "hands-on" course that provides instruction in the fundamental principles of technology by integrating academic concepts with technical and laboratory experiences. Designed to develop confidence in the ability to understand and apply scientific concepts and principles through problem-solving situations in laboratories that simulate experiences in the field of work.

**PRINCIPLES OF TECHNOLOGY 2 (3256)**

**1 credit**

**Open to grades 10, 11, and 12**

**Prerequisite: Students must have a one credit in each of the following:**

- **Physical Science;**
- **Biology;**
- **Principles of Technology 1; and**
- **At least one credit in either Algebra 1A/B, Algebra 1, or Technical Algebra.**

A continuation of Principles of Technology 1. Includes units on momentum, waves and vibrations, energy converters, transducers, radiation, optical systems, and time constraints. Activity-based, with emphasis on hand-on activities.

# SOCIAL STUDIES

## SOCIAL STUDIES

### **AFRICAN AMERICAN HISTORY (3442)**

**Open to grades 11 and 12**

**1 credit**

**Prerequisites: One (1) credit in one of the following classes:**

**World Geography, World History, World Studies, or United States History.**

**Board-approved materials fee may be requested, but not required.**

Designed for students who desire an in-depth study of African-American history. Includes the following units: African Roots, Slavery and Emancipation, Civil War and reconstruction, the Black Church, Inventors and Industrial Growth, the Vale of Tears, the Harlem Renaissance, the Black Voice is Heard, and Strides toward Equality.

### **ANTHROPOLOGY (3421)**

**Open to grades 11 and 12**

**1 credit**

**Prerequisite: World History or Sociology**

**Board-approved materials fee may be requested, but not required.**

Offers students the opportunity to explore the systems of beliefs, traits, and behavior patterns that make up cultures and to develop an awareness of how “needs” and “wants” are as varied as the cultures in which they are found. Provides the means of illustrating how the peoples of the world are both similar and different. Students will employ the skills of analysis, prediction, comparison, interpretation, construction of reasoned judgments, and decision-making.

### **(THE) BIBLE (3497)**

**Open to grades 11 and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

A course that is designed to provide students with an understanding of the Bible and its influence on history, literature, law, and culture. (This course is also listed under English/Language Arts.)

### **CONTEMPORARY ISSUES (3435)**

**Open to grades 11 and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

Focuses on various dynamic issues facing today’s society. Enables students to discover their values and responsibility as citizens in that society. Includes research, discussion, and debate.

### **ECONOMICS (3431)**

**Open to grades 11 and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

The study of the ways people, businesses, and governments choose to use resources. This course provides an in-depth study of the American free enterprise system. The role of America in the global economy is also analyzed.

### **ECONOMICS - HONORS (3431H)**

**Open to grades 11 and 12**

**Pre-requisite: 85 average in English 2 or 3, or an 80 in Honors English 2 or 3**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

While studying the same content as the standard Economics course, students do more challenging and in-depth studies and analyses of economic growth and concepts. Content is studied in greater depth at a much quicker pace. Additional outside readings and assignments will be required.

### **MICRO-ECONOMICS – ADVANCED PLACEMENT (3443)**

**1 Credit**

**Prerequisite: A credit in Algebra II and two (2) of the following:**

- ★ PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- ★ PSAT or SAT verbal and numerical score at 50th percentile or higher;
- ★ Recommendation from previous English teacher; **or**
- ★ 85 average in Honors English 3 and 93 in English 3.

**Board-approved materials fee may be requested, but not required.**

The purpose of an AP course in Microeconomics is to provide a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. For more information about Advanced Placement Micro-Economics, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **MACRO-ECONOMICS - ADVANCED PLACEMENT (3444)**

**Open to grade 11 and 12**

**1 credit**

**Prerequisites: A credit in Algebra 2 and two (2) of the following criteria:**

- an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 3 or 93 in English 3.

**Board-approved materials fee may be requested, but not required.**

A college-level course in macro-economics which includes an in-depth study of the following areas: basic economic concepts; measurement of economic performance; national income and price determination; economic growth; and international finance, exchange rates, and balance of payments. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. For more information about Advanced Placement Macro-Economics, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **CONSUMER ECONOMICS\* (5602)**

**Open to grades 10, 11 and 12**

**1 credit**

**Board-approved materials fee may be requested, but not required.**

A study of the United States economic system. Students learn to function as informed consumers, to use credit responsibly, to make decisions about individual and family financial matters, to recognize influences of advertising, to use goods and services, to plan insurance needs, to plan for financial security, and to assess and allocate resources.

**\*NOTE: This course meets the graduation requirement for Economics.  
It does NOT meet N.C.A.A. requirements.**

**European History – Advanced Placement (3441)****1 credit** (Typographical error from previous year)**Prerequisite: World History or World Geography (Honors Preferred) two (2) of the following:**

- PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal and numerical score at 50th percentile or higher;
- Recommendation from previous Social Studies teacher; **or**
- 93 average in prerequisite course; 85 in prerequisite Honors.

**Board-approved materials fee may be requested, but not required.**

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. Those scoring high enough may receive college credit. For more information about Advanced Placement European History, including the current exam fee, please **visit** [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

**PERSONAL FINANCE (3496)****Open to grades 11 and 12****1 credit****Board-approved materials fee may be requested, but not required.**

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, credit, as well as saving and investing. Students will design personal and household budgets, simulate use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal finance decisions. **This course is a graduation requirement for students entering ninth grade in 2009, and thereafter.**

**PSYCHOLOGY (3433)****Open to grades 11 and 12****1 credit****Board-approved materials fee may be requested, but not required.**

The study of human behavior and the development of the individual.

**PSYCHOLOGY - ADVANCED PLACEMENT (3447)****Open to grades 11 and 12****1 credit****Prerequisites: Students must have two (2) of the following:**

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English or 93 in English.

**Recommendation: World Studies****Board-approved materials fee may be requested, but not required.**

A college-level course in Psychology which includes an in-depth study of the following areas: psychological history and approaches; methods; biological bases of behavior; sensation and perception; states of consciousness; learning; cognition; motivation and emotion; developmental psychology personality; testing and individual differences; abnormal psychology; treatment of psychological disorders; and social psychology. Requires extensive reading, writing, and critical thinking. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. Supplemental reading is required. For more information about Advanced Placement Psychology, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **SOCIOLOGY (3432)**

Open to grades 11, and 12

1 credit

Board-approved materials fee may be **requested, but not required.**

The study of the dynamics and models of individual and group relationships.

### **UNITED STATES GOVERNMENT (3407)**

Open to grades 11 and 12

1 credit

Board-approved materials fee may be **requested, but not required.**

The study of the structure, functions, and powers of government at the national, state, and local levels, with the focus on the United States' founding principles and beliefs.

### **UNITED STATES GOVERNMENT - HONORS (3407H)**

Open to grades 11 and 12

Pre-requisite: 85 average in English 2 or 3, or **an** 80 in Honors English 2 or 3

1 credit

Board-approved materials fee may be **requested, but not required.**

While studying the same content as the standard US Government course, students are challenged to focus more in-depth in the area of the US Constitution and the analysis of the American system of government. Content is studied in greater depth at a much quicker pace. Additional outside reading and assignments will be required.

### **UNITED STATES GOVERNMENT AND POLITICS – ADVANCED PLACEMENT (3445)**

Open to grades 11 and 12

1 credit

Prerequisites: **Must meet two (2) of the following criteria:**

- an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 3 or 93 in English 3.

Board-approved materials fee may be **requested, but not required.**

A college-level course in United States Government and Politics which includes an in-depth study of the following areas: constitutional underpinnings of United States government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; and civil rights and civil liberties. Students will take the national Advanced Placement examination in the spring. Those scoring high enough may receive college credit. For more information about Advanced Placement United States Government and Politics, including the current exam fee, please **visit** [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com).

### **UNITED STATES HISTORY (3405)**

Open to grades 11 and 12

1 credit

Board-approved materials fee may be **requested, but not required.**

A study of the history of the United States from Reconstruction to the present. Students will explore the country's culture, geography, governance, economics, and history. Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as **20%** of the student's final grade for this course.

### **UNITED STATES HISTORY - HONORS (3405H)**

Open to grades 11 and 12

Pre-requisite: 85 average in English 2 or 80 in Honors English 2

1 credit

Board-approved materials fee may be requested, but not required.

This course details events in American history from Reconstruction to the present. Students will explore the country's culture, geography, governance, economics, and history. Content is studied in greater depth at a much quicker pace. Additional outside readings and assignments will be required. Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

### **UNITED STATES HISTORY - ADVANCED PLACEMENT (3440)**

2 credits (full-year)

Prerequisites: A credit in World Studies; or two (2) of the following criteria:

- a PLAN score of 19 or higher or an ACT composite score of 22 or higher;
- PSAT or SAT verbal score at the 50th percentile or higher;
- recommendations from two (2) previous English teachers; or
- 85 in Honors English 2 or 93 in English 2.

Co-requisite: Honors English 3 or Advanced Placement English 3

Board-approved materials fee may be requested, but not required.

A college-level survey course which may be taken in lieu of United States History. Emphasizes written expression, evaluation of outside readings, and independent study. Students will take the national Advanced Placement examination in the spring; those scoring high enough may receive college credit, advanced placement, or the right to waive a required history course in college. Supplemental reading is required. For more information about Advanced Placement United States History, including the current exam fee, please visit [www.collegeboard.com](http://www.collegeboard.com) or [www.apcentral.com](http://www.apcentral.com). Students are required to take the State Department of Education's End of Course Test at the end of this course. This assessment will count as 20% of the student's final grade for this course.

### **WORLD GEOGRAPHY (3410)**

Open to grades 9, 10, 11, and 12

Recommended for students in grade 9

1 credit

Board-approved materials fee may be requested, but not required.

The study of people, places, and environments at local, regional, national, and international levels from the spatial and ecological perspectives of geography.

### **WORLD GEOGRAPHY - HONORS (3410H)**

Open to grades 9, 10, 11, and 12

Recommended for students in grade 9

1 credit

Prerequisite: Students must have one of the following:

- 93 average in previous English course
- Teacher recommendation from previous year (English or Social Studies)

Board-approved materials fee may be requested, but not required.

An accelerated course focusing on the physical and cultural world and people's relationships in it. Map skills are more detailed. Subjects promoting global awareness are researched, presented, and discussed in-depth.

### **WORLD HISTORY (3401)**

Open to grades 10, 11, and 12

1 credit

Board-approved materials fee may be requested, but not required.

A study of the history of humankind with a more concentrated focus on the time periods from the Renaissance to present day.

## **WORLD STUDIES: HONORS (3002H/3401H)**

Open to grade 10

2 credits (1 credit in Honors World History and 1 credit in Honors English 2)

Pre-requisite: 85 average in English 1 or 80 in Honors English 1

Board-approved materials fee may be requested, but not required.

A multi-disciplinary course, incorporating the literature, music, art, culture, social structure, and lifestyle of each era in world history. Emphasis on writing, research, and research-based student-initiated projects.

## **DUAL ENROLLMENT COURSES**

Dual enrollment courses may be offered through a college or university. Students who complete and pass the course(s) may earn high school and college credit. Payment of college tuition is required for those students choosing to receive college credit. It is the responsibility of the student to verify that the credit will be accepted at the university they will attend.

Open to grades 11 and 12

Prerequisites: Grade point of 3.0 in the subject area of enrollment

A minimum ACT composite score of 19 and an ACT score of 19 on the appropriate subtest (The college/university may establish higher scores.)

Appropriate course prerequisites

Board-approved materials fee may be requested, but not required.

Dual enrollment courses are weighted as all other Honors courses.

Students choosing to take a college course during the school day at their home school, or other site, may do so with the approval of the principal. Students choosing to do so may have the course treated as a Dual Enrollment Course.

# WELLNESS

## WELLNESS

### **LIFETIME WELLNESS\* (3303)**

**Open to all students**

**1 credit**

Focuses on the principles of lifetime wellness (not solely activities and sports) by including both classroom and gymnasium activities that promote healthy lifestyle practices to integrate emotional, social, intellectual, and physical dimensions of the individual. A credit in Wellness is required for graduation.

\*NOTE: Two (2) credits in JROTC may substitute for the one (1) credit in Wellness required for graduation, provided instruction includes course content for Wellness as stipulated by the State Board of Education.

### **PHYSICAL EDUCATION 1 (3301)**

**Open to all students**

**1 credit ONLY**

Emphasis on participation in individual sports, team sports, and strengthening and conditioning activities, with the goal of providing carry over into leisure time activities, as well as recognizing and establishing behavioral skills leading to the development of total fitness. **This course is a graduation requirement for students entering ninth grade in 2009, and thereafter.**

### **PHYSICAL EDUCATION 2 (3302)**

**Open to all students**

**1 credit ONLY**

A continuing course emphasizing mastery of skills through participation in individual sports, team sports, and strengthening and conditioning activities. Varied activities designed so that each student has the opportunity to enjoy and excel in a chosen activity.

### **PERSONAL FITNESS (3397)**

**Open to all students**

**1 credit ONLY**

This course is designed to provide opportunities for the students to learn fitness concepts and conditioning techniques used to obtain optimal physical fitness. Students will benefit from a wide variety of aerobic activities, resistance training, and flexibility exercises. Students will also be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activities for a lifetime.

### **STRENGTH AND CONDITIONING (3397)**

**Open to all students**

**1 credit ONLY**

This course is designed to provide opportunities for the students to learn fitness concepts and conditioning techniques used to obtain optimal physical fitness. Students will benefit from a wide variety of aerobic activities, resistance training, and flexibility exercises. Students will also be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activities for a lifetime.

### **INDIVIDUAL SPORTS (3397)**

**Open to all students**

**1 credit ONLY**

This course will provide student opportunities to develop motor skills and movement concepts, and demonstrate an understanding of the cognitive concepts associated with various individual sports.

# OTHER APPROVED COURSES

## **OTHER APPROVED COURSES**

### **C.A.R.S. (Content Area Reading Studies) (3081)**

**Open to grades 11 and 12**

**1 credit**

**Co-requisite: Algebra II**

A course designed to help students do their best on various academic and aptitude tests (ACT, SAT, etc.). This class will focus on test-taking strategies and skills. Practice tests and writing prompts will prepare students to take these tests.

### **FRESHMAN SEMINAR (9350)**

This course **may be** required by high schools as part of a Freshman Transition, Freshman Academy, or School-Within-A-School program.

**1 credit**

A course designed to assist students **in making** a successful transition from middle school to high school. Students will have project-based learning opportunities, content enrichment, study skills, and reading initiatives, with technology serving as the major enhancement. The program studies include character development, reading, technology integration, cross-curricular learning, and problem-based learning.

### **G.O.T. (Graduate-On-Time) (9305)**

**Open to grades 9, 10, 11, and 12**

**Recovery Credits ONLY**

**Prerequisite: Students needing to recover a minimum of two (2) credits may enroll in this course.**

This course is designed to give students an alternative method of instruction to regain credit(s) due to a previous unsuccessful grade. Credit recovery students have taken a course previously, but did not earn credit. The primary focus of credit recovery is helping students stay in school and graduate on time. Priority for enrollment will be based on the student's grade level: senior, junior, sophomore, and freshman. Credit is awarded upon successful mastery of a designated program. Students must have administrative approval to register for this class.

### **NATURE AND NEEDS OF EXCEPTIONAL LEARNERS (3499)**

**Elective credit only for grades 11 and 12**

**1 credit**

**Prerequisite: Recommendation from a previous teacher and an interview with comprehensive development teacher**

Offers students not only the opportunity to teach, but also the opportunity to learn from students with disabilities and to shape positive attitudes about these persons. Students in this course will have the opportunity to develop teaching skills, practice academic and social skills, become advocates and learn valuable advocacy skills, and explore realistic career opportunities.

### **SUCCESS SKILLS THROUGH SERVICE LEARNING (9395)**

**Open to grades 10, 11, and 12**

**1 credit**

A program which combines volunteer service and classroom instruction, and provides a comprehensive experiential approach. Focuses on ethical, social, and intellectual skill development of students; development of positive values such as trustworthiness and responsibility; commitment to a task and those involved in the task; collaboration; team-building, punctuality, and respect for the quality of work done while serving the community.

# SPECIAL EDUCATION COURSES

## **SPECIAL EDUCATION PROGRAMS**

### **GATEWAY/END OF COURSE ENGLISH (9480)**

An intervention option for students which will enhance the opportunity for success the Tennessee Gateway Test for English 2

**1 credit**

**Elective credit only; will not substitute for required English credit**

Focuses on those areas necessary for success on the Tennessee Gateway/ End of Course English 2 test, including reading, writing, viewing and representing, and speaking and listening.

### **FUNDAMENTALS OF ENGLISH 1A/FUNDAMENTALS OF ENGLISH 1B (9408E1A) and (9408E1B)**

**Placement by I.E.P. Team**

**1 or 2 credits**

Orients incoming students to high school academics through emphasis on communication skills. The focus is on basic reading and writing skills (to include persuasive essays), spelling, usage, the review of grammar and its application, speech, and an introduction to basic literary selections. Emphasizes End-of-Course and Gateway English objectives.

**NOTE: For those students enrolled for 2 credits, 1 elective English credit will be awarded for Fundamentals of English 1A and 1 English 1 credit for Fundamentals of English 1/B**

### **FUNDAMENTALS OF ENGLISH 2A/FUNDAMENTALS OF ENGLISH 2B (9408E2A) and (9408E2B)**

**Placement by I.E.P. Team**

**1 or 2 credits**

Emphasizes specialized instruction provided in a flexible setting and focuses on written and spoken communication, spelling rules, reading comprehension, English grammar, and Gateway/End of Course English 2 objectives.

**NOTE: For those students enrolled for 2 credits, 1 elective English credit will be awarded for Fundamentals of English 2A and 1 English 1 credit for Fundamentals of English 2/B**

### **FUNDAMENTALS OF ENGLISH 3 (9408E3)**

**Placement by I.E.P. Team**

**1 credit**

Provides individual instruction in basic reading skills, functional grammar, and spelling techniques. Provides individualized help with the Gateway/ End of Course English 2 objectives, as needed.

### **FUNDAMENTALS OF ENGLISH 4 (9408E4)**

**Placement by I.E.P. Team**

**1 credit**

Designed to prepare the student for practical usage of English, reading, and spelling skills that will be used on a daily basis after graduation. Provides individualized help with the Gateway/ End of Course English 2 objectives, as needed.

### **READING (9408R)**

**Placement by I.E.P. Team**

**1 credit**

Provides individual instruction in basic reading skills for students who are recommended. Recommendation is based on individual testing. Students will read materials they enjoy and use in daily life.

### **LIFE SKILLS (9408LS)**

**Placement by I.E.P. Team**

**1 credit**

A supplementary program that develops critical reading and thinking skills needed by young people. Practical applications include areas of insurance, banking, leasing, licenses, contracts, and taxes.

### **INDEPENDENT LIVING (9408IL)**

**Placement by I.E.P. Team**

**1 credit**

Tailored to meet the individual needs of the students who are presently functioning below grade level but will soon be faced with real life responsibilities such as career choices, marriage, money management, and safety. This class gives each student the opportunity to learn and practice basic skills needed to function effectively in society.

### **LEARNING LAB (9408LL)**

**Placement by I.E.P. Team**

**1 credit**

Designed to enhance the learning skills of students who desire to be successful in the educational setting. Emphasizes organization and study skills.

This class is especially helpful for special education students who are college or vocational school bound.

### **GATEWAY/END OF COURSE ALGEBRA 1 (9481)**

**An intervention option which will enhance the opportunity for success on the Tennessee Gateway/End of Course Test for Algebra 1**

**1 credit**

**Elective credit only; will not substitute for required math credit.**

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Algebra 1 test, including number sense and number theory; estimation, measurement, and computation; patterns, functions, and algebraic thinking; statistics and probability; and spatial sense and geometric concepts.

### **FUNDAMENTALS OF MATH 1A/FUNDAMENTALS OF MATH 1B (9408M1A) and 9408M1B)**

**Placement by I.E.P. Team**

**1 or 2 credits**

Offers individual and specialized instruction to students. Covers basic number theory and operations, percent, units of measurement, graphs, simple algebra, informal geometry, applications for money management, and consumer spending. Emphasizes the Gateway/End of Course Algebra 1 objectives.

**NOTE: For those students enrolled for 2 credits, 1 elective Math credit will be awarded for Fundamentals of Math 1A and 1 Math 1 credit for Fundamentals of Math 1/B**

### **FUNDAMENTALS OF MATH 2A/FUNDAMENTALS OF MATH 2B (94087M2A) and (9408M2B)**

**Placement by I.E.P. Team**

**1 or 2 credits**

Offers individual and specialized instruction to students. Covers basic number theory and operations, percent, units of measurement, simple algebra, informal geometry, applications for money management, and consumer spending. Provides preparation for the Gateway Algebra 1 test.

**NOTE: For those students enrolled for 2 credits, 1 elective Math credit will be awarded for Fundamentals of Math 2/A and 1 Math credit for Fundamentals of Math 2/B**

### **GATEWAY/END OF COURSE BIOLOGY 1 (9482)**

**An intervention option for students which will enhance the opportunity for success on the Tennessee Gateway Test for Biology 1**

**1 credit**

**Elective credit only; will not substitute for required science credit**

Focuses on those areas necessary for success on the Tennessee Gateway/End of Course Biology 1 test, including cells, interactions, photosynthesis and respiration, genetics and biotechnology, diversity, and biological evolution.

8/6/10

**TRANSITION THROUGH CO-OP (9498)**

**Open to grades 11 through post-school placement**

**Placement by I.E.P. Team**

**2 credits**

Provides students with specific job training, community inclusion, and guidance to be successful in transitioning from school-to-work. Students learn skills both on the job and in the classroom needed to gain a greater independence when leaving the school setting.

# Virtual School Program

The Wilson County School System demonstrates creating new solutions through a variety of learning options. One unique learning opportunity is The Virtual School Program which is an innovated, distance learning program which includes a hybrid learning model to facilitate learning in multiple classrooms at the same time. Another option is the state-created curriculum from TN State Department called e4TN. These courses were originally developed as asynchronous courseware, but with the emerging technologies the courses are being used with distance learning.



Virtual School Program

Our Virtual School Program takes advantage of synchronous learning experiences such as interactive classroom instruction and activities facilitated by the classroom teacher as well as utilizing online courseware and flexible learning content creation and distribution. The classes include real time video conferencing between classrooms where students are in front of a desktop computer that has a built in camera and headset for direct interaction with the rest of the students in the virtual classroom. The students have various communication capabilities built into the classroom, including verbal communication, using chat room features, polling events, and participating in either verbal or chat room environments. The communication system allows the teacher to teach in real time or deliver narrated presentations that the students can view at their convenience. Another feature of the virtual classroom is the ability to record entire live classroom sessions that are posted on the school district's website. Students can then view a portion, or all, of the classroom recordings.



The e4TN Program was recently recognized for Best Practices in: 21 st Century Distance Learning, Excellence in Distance Learning Teaching and Distance Learning Programming at the USDLA's 2009 International Distance Learning Awards. Tennessee's e4TN program provides an "effective and engaging elearning environment" for students throughout the state. The program employs fulltime teachers and technical staff, as well as administrative and supportive staff to ensure every child has an effective experience. A variety of courses are available in every course subject during each semester. Students may take these courses for many reasons, including to ensure continue academic progress, study a course in a specific area, or to supplement current progress if a student is gifted. The e4TN online courseware includes activities, learning objects, discussion boards, independent and group student projects, assignments, tests, quizzes and communication features that are both synchronous and asynchronous learning opportunities.

Students interested in participating in either program (Virtual School Program or e4TN) should check with his/her school counselor to determine which courses are currently available. Registration for both programs must be school approved by your school counselor. Please contact a school counselor for more information.