Virginia High School

2017-2018

Curriculum Handbook

Revised 09/08/2017

**General Information**

In this book you will find information that will be helpful in planning your student’s high school career. There is information about graduation requirements and course descriptions. The counselor will be available to provide more information about these important decisions.

**GRADUATION REQUIREMENTS (effective for the Class of 2020)** Total Credits 27

English . . . . . . . . . 4 credits

Science. . . . . . . . . . 4 credits

Beginning with the class of 2020 only one science class from the Ag Dept may count towards graduation credits

Math. . . . . . . . . . 4 credits

American Government. . . . . . . . ½ credit

Civics . . . . . . . . ½ credit

American History. . . . . . . . 1 credit

World History. . . . . . . . . 1 credit

Fine Art. . . . . . . . . 1 credit

Resource Management. . . . . . . . ½ credit

Foreign Language or Vocational Education. . . . . . 1 credit

Physical Education. . . . . . . . 3½credits

Health. . . . . . . . . . ½ credits

Electives. . . . . . . . . 5½ credits

**CLASS DESIGNATIONS**

Classification of students will be decided on September 1st and January 1st of each calendar year.

Seniors must have 21 credits, Juniors must have 14 credits, and Sophomores must have 7 credits.

**FRESHMAN REQUIRED CLASSES**

Driver’s Education Character Education Health Physical Science

English I Math I or Geometry Physical Education World Geography

**SOPHOMORE REQUIRED CLASSES**

Biology II English II World History Geometry or Algebra II

Physical Education

**JUNIOR REQUIRED CLASSES**

Chemistry English III or Honors English III Civics (beginning with the class of 2020)

American History Algebra II or Pre-Calculus and Trigonometry Physical Education

**SENIOR REQUIRED CLASSES**

Science English IV or Honors English IV or AP English Math

American Government Consumer Education Physical Education

**WEIGHTED COURSES**

The following courses are weighted courses:

Honors English III, Honors English IV, AP English, Psychology, Microeconomics, Macroeconomics, AP Government, Pre-Calculus, Trigonometry, Chemistry, AP Chemistry, Physics, Spanish III, Spanish IV, and classes scheduled through Lincoln Land Community College

**COLLEGE ENTRANCE TESTING**

Below is a general timeline of the standardized tests offered at Virginia High School. These tests are used as a measure of student growth, learned skills and to increase students’ opportunities.

Students who plan to enroll in a two-year college or four year college or university will complete their college entrance testing by participating in and scoring well on these exams.

Completion of the SAT is required to receive a diploma. Many colleges and universities for admission request these scores. Strong test scores are one of several important factors in the college application process.

**EXAM TEST DATE DESCRIPTION**

**Freshman**

SAT 9 September Practice, First of SAT linked tests

SAT 9 April Practice, First of SAT linked tests

**Sophomores**

SAT 10 September Practice, Second of SAT linked tests

SAT 10 April Second of SAT linked tests

**Juniors**

PSAT/NMSQT test for National Merit Scholar offered in October

SAT April

**Seniors**

SAT September, October more opportunities to increase scores

**NCAA / NAIA ELIGIBILITY CENTER**

High school student athletes planning to enroll or participate in athletics in any NCAA Division I or Division II college or university must register for the NCAA Initial Eligibility Clearinghouse. Student athletes planning to enroll or participate in athletics in any NAIA college or university must register with the NAIA Eligibility Center. This should be done by the end of the sophomore year in high school. The responsibilities of these clearinghouses have now expanded to include evaluating the amateurism status of college-bound student athletes. Instructions for this process and specific course requirements for college-bound athletes can be found on the NCAA Clearinghouse website at [www.eligibilitycenter.org](http://www.eligibilitycenter.org) or the NAIA Clearinghouse at <http://www.playnaia.org/eligibility-center>.

**2017-2018 VHS Course Offerings**

**Agriculture**

Intro. to Agriculture 9,10,11,12 1

Agriculture Science 10,11,12 1

Ag. Business Management 10,11,12 1

Horticulture Science 10,11,12 1

Natural Resources 10,11,12 1

**Business and Computer Technologies**

Consumer Education 12 ½

**Fine Arts**

Art I 9,10,11,12 1

Drawing I 10,11,12 ½

Drawing II 10,11,12 ½

Modern Art 10,11,12 ½

Contemporary Art 10,11,12 ½

Audio Technology / Guitar I 10,11,12 ½

Audio Technology / Guitar II 10,11,12 ½

Band 9,10,11,12 1

**Foreign Language**

Spanish I 9,10,11,12 1

Spanish II 10,11,12 1

\*Spanish III 10,11,12 1

\*Spanish IV 10,11,12 1

**Industrial Technology**

Intro to Industrial Tech. 9,10,11,12 1

Woods I 10,11,12 ½

Woods II 10,11,12 ½

Woods III 11, 12 ½

Woods IV 11,12 ½

Welding I 10,11,12 ½

Welding II 10,11,12 ½

Welding III 11,12 ½

Welding IV 11,12 ½

Home Improvement 10,11,12 1

**Language Arts**

English I 9,10,11,12 1

English II 10,11,12 1

English III 11,12 1

\*Honors English III 11,12 1

English IV 12 1

\*Honors English IV 12 1

\*AP English 12 1

**Mathematics**

Math I 9 1

Geometry 9,10 1

Algebra II 10,11 1

\*Pre-Calculus 11,12 ½

\*Trigonometry 11,12 ½

\*Calculus 12 1

\*College Algebra 12 1

Consumer Mathematic 12 1

**Physical Education**

Physical Education 9,10,11,12 1

Fitness PE 10,11,12 1

Health 9 ½

Driver’s Education 9 ½

Character Education 9 ½

**Science**

Biology I 9 1

Physical Science 9 1

Biology II 10,11,12 1

Earth Science 10,11,12 1

\*Chemistry 11,12 1

\*Physics 12 1

\*Anatomy and Physiology 11,12 1

\*AP Chemistry 12 1

**Social Science**

World Geography 9 1

World History 10 1

Current Events 10,11,12 ½

60’s in America 10,11,12 ½

70’s in America 10,11,12 ½

Sociology 10,11,12 1

American Government 12 ½

\*AP Government 12 ½

Civics 10,11 ½

\*\*\*Illinois Virtual School – Students may register for Illinois Virtual School classes. See the Student Handbook or the Guidance office for details.

\*\*\*LLCC On-line – Juniors and Seniors may register for LLCC on-line classes. See the Student Handbook or the Guidance Office for details.

\*\*\*LLCC First Semester – Seniors may register for this program at the end of their Junior year. See the Guidance Office for details.

**Virginia High School Course Descriptions**

*Agriculture\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Introduction to Agriculture 18001A001**

Grades: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description: This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Horticulture Science 18052A001**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Introduction to Agriculture

Description: This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in advanced horticulture courses. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Agricultural Science 18003A001**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Introduction to Agriculture

Description: This course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Agricultural Business Management 18201A001**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Introduction to Agriculture

Description: This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Natural Resources 18504A002**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Introduction to Agriculture

Description: This course develops management and conservation skills in understanding the connection between agriculture and natural resources. Student knowledge and skills are developed in: understanding natural resources and its importance; fish, wildlife, and forestry management and conservation; and exploring outdoor recreational enterprises. Hunting and fishing as a sport, growing and managing tree forests, and outdoor safety education will be featured. Career exploration will be discussed including: park ranger, game warden, campground manager, forester, conservation officer, wildlife manager, and related occupations. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Career Vocational Education 22153A001**

Grades: 11,12 1 credit

Prerequisite: Introduction to Agriculture

Description: Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

*Business and Computer Technology\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Computer Technology 10005A001**

Grades 9,10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: Information Processing I is a skill-level course that includes the concepts and terminology related to the people, equipment, and procedures of information processing as well as skill development in the use of information processing equipment. Students will operate computer equipment to prepare memos, letters, reports, and forms. Students will create rough drafts, correct copy, process incoming and outgoing telephone calls and mail, and transmit and receive messages electronically. Students will create, input, and update databases and spreadsheets. Students will create data directories; copy, rename, move, and delete files, and perform backup procedures. In addition, students will prepare files to merge, as well as create mailing labels and envelopes from merge files. Students will learn to locate and retrieve information from hard copy and electronic sources, and prepare masters for a presentations using presentation software. Students will apply proper grammar, punctuation, spelling and proofreading practices. Accuracy will be emphasized. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout this course.

**Advanced Computer Technology 10005A002**

Grades 9,10,11,12 ½ credit (1 semester)

Prerequisite: Computers I

Description: Information Processing II is a skill-level course for students who have completed Information Processing I. Students will create and update documents using word processing and desktop publishing programs and put together slideshows, speaker notes and handouts using presentation software. Students will revise data in a stored database and use queries to create customized reports. Students will edit and utilize calculation functions in spreadsheets, integrate graphics, spreadsheets, tables, text and data into documents and reports, and create graphs and charts from spreadsheets. Students will learn to conduct research on the internet and/or intranet, prepare and answer routine correspondence, organize and maintain a filing system, maintain an appointment calendar, make travel arrangements, prepare itineraries and expense reports, and prepare and process timesheets. In addition, students will maintain inventory, order equipment and supplies, and perform routine equipment maintenance. Students will apply proper grammar, punctuation, spelling and proofreading practices to documents and reports. Accuracy will be emphasized. Workplace skills as well as communication skills will be taught and integrated throughout this course. A simulated information-processing center or work based learning experience may be used to provide students with the experience of working in the environment of an information processing center.

**Web Design 10201A002**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Computers I

Description: Web Page and Interactive Media Development I is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and graphic editors as well as programming tools such as JavaScript. Students will work in a project- based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

**Desktop Publishing 11152A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Computers I

Description: Desktop Publishing courses integrate the knowledge and skills learning in word processing with the concepts, procedures and application of desktop publishing. Students learn to format, create and proofread brochures, programs, newsletters, web pages, presentations and manuscripts.

**Business 12001A001**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: None

Description: This orientation-level course will provide an overview of all aspects of business marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance, management, marketing, administration and production). Students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course. This course is not intended to meet the consumer education requirement, but rather to provide preparation for the skill level courses that make up the Business, Marketing and Management occupations programs.

**Business Law 12054A001**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: Introduces law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops an understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment; and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer-employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation.

**Consumer Education 22210A001**

Grade 12 ½ credit (1 semester)

Prerequisite: None

Description: This course focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of project-based experiences and service learning opportunities to gain knowledge and expertise in understanding and applying management skills, with consideration to diverse social, economic, technological, environmental, and cultural characteristics of individuals and families. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision-making; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking; and current issues in the economy.

**Yearbook Design 11104A000**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: None

Description: Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

*Fine Arts\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Art I 05154A000**

Grade: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description: Creative Art—Comprehensive courses provide students with the knowledge and opportunity to explore an art form and to create individual works of art. These courses may also provide a discussion and exploration of career opportunities in the art world. Initial courses cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. Although Creative Art courses focus on creation, they may also include the study of major artists, art movements, and styles.

**Drawing I 05156A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Art I

Description: Creative Art – Drawing courses cover the same topics as – Creative Art – Drawing/Painting, but focus on drawing. In keeping witht his attention on two-dimensional work, student typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some course may focus on only one medium.

**Drawing II 15156A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Art I

Description: Creative Art – Drawing courses cover the same topics as – Creative Art – Drawing/Painting, but focus on drawing. In keeping witht his attention on two-dimensional work, student typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some course may focus on only one medium.

**Painting I 05155A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Art I or with teacher approval

Description: Creative Art—Drawing/Painting courses cover the same topics as Creative Art—Comprehensive courses, but focus on drawing and painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

**Painting II 15157A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Painting I or with teacher approval

Description: Creative Art—Painting courses cover the same topics as Creative Art—Drawing/Painting, but focus on painting. In keeping with this attention on two-dimensional work, students typically work with several media (such as watercolor, tempera, oils, acrylics, and so on), but some courses may focus on only one medium.

**Mixed Media 05169A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Art I

Description: Mixed Media Art courses enable students to discover and explore how the computer can be used to create or to assist in producing various forms of artwork. Computer-Assisted Art courses provide the opportunity to become more adept in both the art form and in the use of the computer.

**Renaissance Art 05199A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Art I

Description: The Renaissance class will focus on all of the artwork of that time period. Students will have tests on artwork and artists. They will also be required to write several large papers.

**Modern Art 05199A000**

Grades 10,11,12 (1 semester)

Prerequisite: Art I

Description: This course will cover Modern Art, which spans from the mid-1800’s to the mid 1900’s. This time period was pivotal for the world politics and art the same. The students will dive into how the two played a role in culture as the world shifts to the Modern Period.

**Contemporary Art 05199A000**

Grades 10,11,12 (1 semester)

Prerequisite: Art I

Description: This course will offer a look at the art world as we enter contemporary times. Technology begins to play a major role as the art world begins to change. We analyze how Art and technology play off each other in past half- century.

**Band 05101A000**

Grades: 9,10,11,12 1 credit (1 year)

Prerequisite: Junior High Band

Description: General Band courses develop students’ technique for playing brass, woodwind, and percussion instruments and cover a variety of no specified band literature styles (concert, marching, orchestral, and modern styles).

**Audio Technology / Guitar I 11051A001**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: None

Description: Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. This course is also designed to provide students with basic audio editing, sound techniques and sound mixing. Student will learn to edit with Garage Band. These courses may also include more advanced guitar-playing techniques.

**Audio Technology / Guitar II 05108A000**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Guitar I

Description: Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. This course is also designed to provide students with basic audio editing, sound techniques and sound mixing. Student will learn to edit with Garage Band. These courses may also include more advanced guitar-playing techniques. This course is a continuation of Guitar I.

*Foreign Language\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Spanish I 06101A000**

Grades: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description: Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

**Spanish II 06102A000**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Spanish I

Description: Spanish II courses build upon skills developed in Spanish I, extending students’ ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

**Spanish III 06103A000**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Spanish II

Description: Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

**Spanish IV 06104A000**

Grades: 11,12 1 credit (1 year)

Prerequisite: Spanish III

Description: Spanish IV courses focus on advancing students’ skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

*Industrial Technology\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Introduction to Industrial Technology 17002A000**

Grades: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description: This course is an introduction to industrial technology. Students will learn about safety in the shop. They will complete several woodworking and welding projects that introduce them to the different aspects of the industrial technology career field. Students will gain experience in drafting, carpentry, welding, and electricity.

**Woods I 17002A001**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Introduction to Industrial Technology

Description: This course provides experiences related to understanding the fundamental principles and development of skills in woodworking and construction. Students design and construct one or more projects. Correct and safe use of tools and equipment will be emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finish materials.

**Woods II 17002A002**

Grades: 10,11,12 ½ credit (1 semester)

Prerequisite: Woods I

Description: A continuation of the knowledge and skills presented in Woods I. Students will be given individualized instruction and projects suited to their ability. Students design and construct one or more projects. Correct and safe use of tools and equipment will be emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finish materials.

**Woods III 17003A001**

Grade: 11,12 ½ credit (1 semester)

Prerequisite: Woods II

Description: This course provides learning experiences related to the erection, installation, maintenance and repair of building structures and related utilities. Students are instructed in areas of safety, including hand tool, power tool, ladder, scaffolding and the use of safety harnesses. Students demonstrate knowledge of exterior trim and finishes, energy conservation in residential construction, and design of stairs and rafter building. Students gain knowledge of planning and zoning regulations and building codes. Students are introduced to estimating both materials and construction costs, and demonstrate basic knowledge in applying drywall materials, stair-building skills, designing and erecting wall partitions, applying roofing materials, and installing common siding and interior finish. Technology-related mathematics, reading, writing, vocabulary, blueprint reading, and science are integrated throughout the curriculum.

**Woods IV 17003A002**

Grade: 11,12 ½ credit (1 Semester)

Prerequisite: Woods III

Description: This course is a continuation of Woods III. This course provides learning experiences related to the erection, installation, maintenance and repair of building structures and related utilities. Students are instructed in areas of safety, including hand tool, power tool, ladder, scaffolding and the use of safety harnesses. Students demonstrate knowledge of exterior trim and finishes, energy conservation in residential construction, and design of stairs and rafter building. Students gain knowledge of planning and zoning regulations and building codes. Students are introduced to estimating both materials and construction costs, and demonstrate basic knowledge in applying drywall materials, stair-building skills, designing and erecting wall partitions, applying roofing materials, and installing common siding and interior finish. Technology-related mathematics, reading, writing, vocabulary, blueprint reading, and science are integrated throughout the curriculum.

**Welding I 13207A001**

Grades: 10,11,12 ½ credit (1 Semester)

Prerequisite: Introduction to Industrial Technology

Description: This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning.

**Welding II 13207A001**

Grades: 10,11,12 ½ credit (1 Semester)

Prerequisite: Welding I

Description: This course builds on the skills and concepts introduced in Welding Technology I and provide more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students also explore the use of robotic and automated production welding.

**Welding III 13207A002**

Grades: 11,12 ½ credit (1 Semester)

Prerequisite: Welding II

Description: This course builds on the skills and concepts introduced in Welding Technology II and provide more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students also explore the use of robotic and automated production welding.

**Welding IV 13207A002**

Grade: 11,12 ½ credit (1 semester)

Prerequisite: Manufacturing IV

Description: This course builds on the skills and concepts introduced in Welding Technology III and provide more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students also explore the use of robotic and automated production welding.

**Small Engine Repair I 20110A001**

Grades: 10,11,12 ½ credit (1 Semester)

Prerequisite: None

Description: Small engine repair is an instructional program that prepares individuals to troubleshoot, service, and repair a variety of small internal-combustion engines, involving both two and four cycle engines used on portable power equipment. Planned activities will allow students to become knowledgeable of fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Safety will be a key component of this class. Students will also be exposed to career opportunities related to small engines.

**Small Engine Repair I 20110A002**

Grades: 10,11,12 ½ credit (1 Semester)

Prerequisite: None

Description: This course will be designed to provide the student with the opportunity to complete specialized study in the service and repair of small engines and related systems. Some of these areas may include chain saw repair, snow blower repair, snowmobile repair, generator repair, motorcycle repair, etc. Planned activities will allow students to become knowledgeable of fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Other areas that will be covered deal with electrical, systems, ignition systems, drive train and chassis systems. Safety will be a key component of this class. Students will also be exposed to career opportunities related to small engines.

**Energy Technology 20101A001**

Grades 9,10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: Energy Utilization Technology is a course designed to foster an awareness and understanding of how we use energy in our industrial technological society. Areas of study include conversion of energy, electrical fundamentals, solar energy resources, alternate energy resources such as wind, water, and geothermal; fossil fuels, nuclear power, energy conservation, and computer uses in energy technology. Students use laboratory experiences to become familiar with current energy technologies.

**Drafting 21102A001**

Grades: 9,10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: Drafting—General courses, usually offered as a sequence of courses, introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting—General courses use exercises from a variety of applications to provide students with the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

**Home Improvement 17009A001**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Introduction to Industrial Technology

Description: This course includes learning experiences and skills in servicing building systems, repair and maintenance of machinery, maintain plumbing systems, minor electrical repairs, painting, and basic carpentry. These experiences provide students the opportunity to become knowledgeable in a variety of practices and skills associated with all trades necessary to maintain a building’s daily operations that are repair related. The course provides instruction and hands-on activities including the use of equipment and tools, hand tools, basic electricity, carpentry and masonry skills.

*Language Arts\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**English I 01001A000**

Grade: 9 1 credit (1 year)

Prerequisite: None

Description: English/Language Arts I (9th grade) courses build upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections. This is an intensive writing course.

**English II 010002A000**

Grade 10 1 credit (1 year)

Prerequisite: English I

Description: English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author’s intent and theme and to recognize the techniques used by the author to deliver his or her message.

**English III 01003A000**

Grade 11 1 credit (1 year)

Prerequisite: English II

Description: English/Language Arts III (11th grade) courses continue to develop students’ writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. This is an intensive writing course.

**Honors English III 01003A000**

Grade 11 1 credit (1 year)

Prerequisite: English II

Description: English/Language Arts III (11th grade) courses continue to develop students’ writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. This course is writing intensive. This is an intensive writing course.

**English IV 01004A000**

Grade: 12 1 credit (1 year)

Prerequisite: English III

Description: English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

**Honors English IV 01004A000**

Grade: 12 1 credit (1 year)

Prerequisite: English III

Description: English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers. This is an intensive writing course.

**AP Literature and Composition 01006A000**

Grade: 12 1 credit (1 year)

Prerequisite: English III or Teacher Recommendation

Description: Following the College Board’s suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students study the language, character, action, and theme in works of recognized literary merit; enrich their understanding of connotation, metaphor, irony, syntax, and tone; and write compositions of their own (including literary analysis, exposition, argument, narrative, and creative writing). This is an intensive writing course.

**Reading 180 I** **01067A000**

Grade: 9 1 credit (1year)

Prerequisite: None

Description: Assisted reading program. Students must test into this program.

**Reading 180 II 01067A000**

Grade: 10 1 credit (1year)

Prerequisite: None

Description: Assisted reading program. Students must test into this program.

**Reading 180 III 01067A000**

Grade: 11 1 credit (1year)

Prerequisite: None

Description: Assisted reading program. Students must test into this program.

**Reading 180 IV 01067A000**

Grade: 12 1 credit (1 year)

Prerequisite: None

Description: Assisted reading program. Students must test into this program

*Mathematics\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Math I 02301A000**

Grade 9 1 credit (1 year)

Prerequisite: None

Description: Math I is a Common Core Standards based course. The fundamental purpose of this course is to formalize and extend the mathematics that students have learned in previous years. It covers concepts in Algebra, Geometry, and Statistics in a problem-centered, connected approach. The Mathematical Practice standards are applied throughout, and together with content standards, allow students to experiment mathematics as a useful and logical subject that will make use of their ability to solve problems.

**Math II 02302A000**

Grade 10 1 credit (1 year)

Prerequisite: Math I

Math II is a Common Core Standards based course. This course will extended and deepen the mathematics knowledge from previous years, including Math I. It covers concepts in Algebra II, Geometry, and Statistics in a problem-centered, connected approach. The Mathematical Practice standards are applied throughout, and together with content standards, allow students to experiment mathematics as a useful and logical subject that will make use of their ability to solve problems.

**Math III 02303A000**

Grade 11 1 credit (1 year)

Prerequisite: None

Math III is a Common Core Standards based course. This course will extended and deepen the mathematics knowledge from previous years, including Math I and Math II. This course continues students' study of topics from Algebra II, Geometry, and Statistics in a problem-centered, connected approach.  The Mathematical Practice standards are applied throughout, and together with content standards, allow students to experiment mathematics as a useful and logical subject that will make use of their ability to solve problems

**Algebra I 02052A000**

Grades: 9,10 1 credit (1 year)

Prerequisite: None

Description: Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

**Geometry 0272A000**

Grade: 9, 10,11 1 credit (1 year)

Prerequisite: Algebra I

Description: Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

**Algebra II 02056A000**

Grades 10, 11,12 1 credit (1 year)

Prerequisite: Algebra I

Description: Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

**College Algebra 02057A000**

Grade: 12 1 credit (1 year)

Prerequisite: Pre-Calculus / Trigonometry

This course centers on the exploration of various algebraic functions, including polynomial, rational, exponential and logarithmic functions. The properties, graphs and inequalities of these functions are analyzed and applications of their use are studied. Other topics include systems of equations, matrices, conic sections, sequences and series.

**Pre-Calculus 02110A000**

Grades: 11,12 ½ credit (1 semester)

Prerequisite: Algebra II

Description: Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

**Trigonometry 02103A000**

**G**rade: 11,12 ½ credit (1 semester)

Prerequisite: Pre-Calculus

Description: Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers.

**Calculus 02121A000**

Grade: 12 1 credit (1 year)

Prerequisite: Trigonometry

Description: Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

**Consumer Math 02157A000**

Grade: 12 1 credit (1 year)

Prerequisite: Geometry

Description: Consumer Math courses reinforce general math skills and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income and investment.

**Applied Math I 02151A000**

Grade: 9 1 credit (1 year)

Prerequisite: None

Description: General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas and simple equations.

**Applied Math II 02151A000**

Grade: 10 1 credit (1 year)

Prerequisite: Applied Math I

Description: General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas and simple equations.

**Applied Math III 02151A000**

Grade: 11 1 credit (1 year)

Prerequisite: Applied Math II

Description: General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas and simple equations.

**Applied Math IV 02151A000**

Grade: 12 1 credit (1 year)

Prerequisite: Applied Math III

Description: General Applied Math courses reinforce general math skills, extend these skills to include some pre-algebra and algebra topics, and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas and simple equations.

*Physical Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Health 08051A000**

Grade: 9 ½ credit (1 semester)

Prerequisite: None

Description: Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

**Physical Education 08001A000**

Grade: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description: Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

**Fitness Physical Education 08005A000**

Grade: 10,11,12 1 credit (1 year)

Prerequisite: None

Description: Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness.

**Driver Education 08152A000**

Grade: 9,10 ½ credit (9 week classroom course)

Prerequisite: Passing grade in at least eight courses during the previous two semesters.

Description: Drivers’ Education—Classroom and Laboratory courses provide students with the knowledge and experience to become safe drivers on America’s roadways. Topics in these courses cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver’s capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of these courses.

**Character Education 22253A000**

Grade: 9 ½ credit (9 week course)

Prerequisite: None

Description: Social Development Instruction courses teach students the social skills needed for independent functioning within the community. Topics may include self-control, self-expression, obeying rules, decision-making, appropriate situational behavior, interacting with others, and maintaining relationships. Students may develop independence, self- confidence, and self-reliance.

*Science\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**Biology I 03051A000**

Grades: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description:Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

**Physical Science 03159A000**

Grades: 9,10,11,12 1 credit (1 year)

Prerequisite: None

Description: Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

**Biology II 03052A000**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: Biology I

Description: Usually taken after a comprehensive initial study of biology, Biology II courses cover biological systems in more detail. Topics that may be explored include cell organization, function, and reproduction; energy transformation; human anatomy and physiology; and the evolution and adaptation of organisms.

**Anatomy and Physiology 03053A000**

Grades: 11,12 1 credit (1 year)

Prerequisite: Biology II

Description: Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

**Chemistry 03101A000**

Grades: 11,12 1 credit (1 year)

Prerequisite: Algebra II

Description: Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

**AP Chemistry 03106A000**

Grade: 12 1 credit (1 year)

Prerequisite: Chemistry

Description: Following the curricula recommended by the College Board, AP Chemistry courses usually follow high school chemistry and second-year algebra. Topics covered may include atomic theory and structure; chemical bonding; nuclear chemistry; states of matter; and reactions (stoichiometry, equilibrium, kinetics, and thermodynamics). AP Chemistry laboratories are equivalent to those of typical college courses.

**Physics 03151A000**

Grade: 12 1 credit (1 year)

Prerequisite: Algebra II

Description: Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

**Earth Science 03001A000**

Grades: 10,11,12 1 credit (1 year)

Prerequisite: None

Description: Earth Science courses offer insight into the environment on earth and the earth’s environment in space. While presenting the concepts and principles essential to students’ understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

*Social Science\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

**World Geography 04001A000**

Grade: 9 1 credit (1 year)

Prerequisite: None

Description: World Geography courses provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

**World History 04051A000**

Grade: 10 1 credit (1 year)

Prerequisite: World Geography

Description: World History provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

**World Genocide Studies 04061A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: The class will focus on the Holocaust, the situation in the former Yugoslavia, Armenia, Ukraine, Cambodia, Bosnia, and the Sudan. This class will be based on the students doing most of their own research and learning and working in groups on projects. This course will examine the history, politics, economics, society, and/or culture of one or more regions of the world. This course may focus primarily on the history of a particular region or may take an interdisciplinary approach to the contemporary issues affecting the region.

**American Film History 04106A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This course is designed to provide students with the opportunity to think critically about films in history. The focus of this course will be about films shape and our viewpoints of events in history. Students will research and review films watched in class to determine the historical accuracy of the film. The students will complete several written reviews of films and several projects based on the films shown in class. This course will study the political, economic, and social issues facing the United States. This course may focus on current issues or may examine selected issues that span throughout the 20th century to the present.

**Viet Nam War** **04109A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This course examines a particular topic in U.S. History, such as particular time periods in the history of the United States, or they may focus on the history of particular U.S. regions rather than provide an overview of the subject. This course will examine the U.S. role in the Viet Nam conflict from 1045-1975. It will analyze the strategic and diplomatic decisions of each president during that period within the context of the global struggle against communism, decolonization, and domestic politics and culture in both Viet Nam and the United States. Particular attention will be paid to the period from 1965-73 when the United States was a principal combatant in the war.

**American Government 04151A000**

Grade: 12 ½ credit (1 semester)

Prerequisite: None

Description: U.S. Government provides an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

**AP Government 04159A000**

Grade: 12 1 credit (1 year)

Prerequisite: Teacher recommendation

Description: Following the College Board’s suggested curriculum designed to parallel college-level U.S. Government and Politics course, this course provide students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course generally covers the constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government, and civil rights and liberties.

**Civics 04161A000**

Grade: 10,11 ½ credit (1 semester)

Prerequisite: None

Description: Civics courses examine the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. These courses do not typically delve into the same degree of detail on constitutional principles or the role of political parties and interest groups, as do comprehensive courses in U.S. Government.

**Conspiracies, Presidential Assassinations, and political Murder in American History 04106A000**

Grade: 10,11,12 (1 semester)

Prerequisite: None

Description: This course is a study of facts, myths, conspiracies, and controversies surrounding the murder and attempted murder of presidents and political leaders, with emphasis on the Kennedy assassination. This course will also study other conspiracy theories surrounding significant events in American History.

**Current Events 04064A000**

Grade: 9,10,11,12 (1 semester)

Prerequisite: None

Description: Students will examine a number of current social issues and problems related to our world today. Topics of coverage may include: war and terrorism, violence, crime and drugs, AIDS, individual liberties, political culture, immigration, the media, as well as foreign policy issues. Topics generally reflect current issues.

**Psychology 04254A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This Psychology course introduces students to the study of individual human behavior. Course content typically includes (but is not limited to) an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

**Sociology 04258A000**

Grade: 10,11,12 ½ credit (1 year)

Prerequisite: None

Description: Sociology courses introduce students to the study of human behavior in society. This course provides on overview of sociology, generally including but not limited to topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups of society.

**Macroeconomics 04204A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. They place particular emphasis on the study of national income and price determination and developing students’ familiarity with economic performance measures, economic growth, and international economics.

**Microeconomics 04203A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This course provides students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers). They place primary emphasis on the nature and functions of product markets, while also including a study of factor markets and the role of government in the economy.

**America in the 1960’s 04109A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This course examines the political, cultural, and intellectual history of America between 1954 and 1970. It considers the civil rights movement, the New Frontier and Great Society, the Supreme Court and right politics, the rise of the New Right, the debate over Vietnam, student radicalism, black power, the counterculture, the urban crisis, and white backlash. The course emphasizes the transformation of liberalism and the revitalization of conservatism, and the tensions between integration and separatism, between libertarianism and communitarianism that shaped the social movements of the sixties.

**America in the 1970’s 04109A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: This course will focus on only a few of the most significant shifts in American politics, culture, and society. As such, the course will encourage us to think more deeply about the fate of liberalism in post-1960s America, the rise of ethnic identity and its impact on the rights revolution, gender and the politics of sexuality, religion and the rise of the South, Nixon and Watergate, Carter and political malaise, urban decay, environmentalism, and the United States’ earliest encounters with terrorism.

**Russian and Eastern European History** **04109A000**

Grade: 10,11,12 ½ credit (1 semester)

Prerequisite: None

Description: Russian and Soviet history offers a broad look at modern Russian history of the Imperial and Soviet eras. Subjects include Russia’s Eurasian Empire, the Russian Revolution, nineteenth-century culture and identity, the Soviet Union since 1929, women in Russian history, and a variety of other topics.