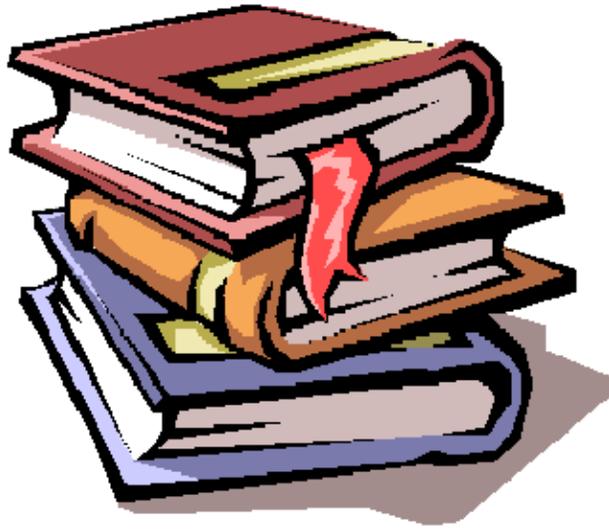


ERSKINE ACADEMY



Sophomore Course Descriptions

School Year 2018 - 2019

Here are some guidelines to follow when selecting courses for your sophomore year:

- ❖ Everyone **MUST** be enrolled in at least 6 classes per trimester and earn 6 credits for the year (English is a **MUST!**).
- ❖ Remember if you choose a .333 credit course, you need to pick two other trimester courses if you want to earn one full credit.
- ❖ If you were not able to take a Fine Arts course, you should try to sign up for one during your sophomore year.
- ❖ You must take a Biology class if you did not take one your Freshman year. Your choices are College Prep Lab Biology, Honors Lab Biology, Tech Prep Biology.
- ❖ If you are planning to go to a four-year college and have not yet taken a foreign language course, you should sign up for one during your sophomore year. Most colleges recommend a minimum of 2 years of the same language – competitive colleges recommend 3-4 years of the same language.
- ❖ If you did not successfully complete your freshman requirements, you must retake the failed course during your sophomore year.
- ❖ If you missed a trimester of PE due to an injury or surgery, please **write PE make-up at the top of your course selection form.**

Graduation requirements are listed below. Please check this list carefully and plan accordingly. Keep in mind that you need 22 credits to graduate.

- 4 English credits
- 3 Math credits
- 3 Social Studies - one of which **MUST** be a US History course (taken junior year)
- 3 Science credits – one of which **MUST** be a Biology course and one **MUST** be a Physical Science course
- 1 Fine Arts credit
- 1 PE credit
- 2/3 credits in Health (taken freshmen & sophomore years)
- 2/3 credits Sophomore Selections/Junior Judgment

REQUIRED

0831 **Sophomore Selections**

Category: Required **Grade:** 10 **No. of trimesters:** 1 **Credits:** 0.333

This trimester course will explore career pathways. Students will identify their career cluster for further research. Key topics to be covered will include career research, employ-ability skills, and use of technology in employ-ability skills.

0800 **Health Education 1**

Category: Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

REQUIREMENT - The goal of Health 1 is to introduce students to the basic concepts of health and wellness and its application to their personal lives. This course seeks to improve student's self concepts based on the healthy decisions they will make. Information will be presented to the students in such a way as to encourage sound group decisions so that teenage health issues can be explored and researched to the extent that students are fully equipped to make solid, healthy, life long decisions.

0801 **Health Education 2**

Category: Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

REQUIREMENT - Upon completion of this course, students will be able to understand the impact of individual positive and negative health practices upon their own immediate and future personal health, but also the impact of these practices upon their family and larger community.

ENGLISH

0128 **College Prep Writing & World Literature 10**

Category: English **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

This course is designed to examine and develop an appreciation for world literature with emphasis on the ways in which culture and history influence the forms and the content of literary texts. Readings will include plays, novels, poems, essays, and short stories from various international voices both classical and modern. Students will have the opportunity to make independent reading selections as well, in order to improve fluency and enjoyment of reading and improve vocabulary. We will investigate the ways in which written language can and has affected human perception. Using the writing process, we will practice various modes of writing, including: narration, persuasion, and exposition for analytical and creative purposes. Conventions (i.e. grammar, punctuation, spelling, etc.) will be addressed as part of the writing process. Vocabulary study will focus on word origins and derivatives, as well as student selections from literature and life. Each trimester will include opportunities for students to hone speaking and listening skills.

0129 **Honors Writing & World Literature 10**

Category: English **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

This course will examine some of the "great works" of world literature and evaluate the contributions that these classics have made to the evolution of western thought. Reading will include works from around the world. Analytical and critical writing skills will be emphasized. Supplementary reading and writing are required.

MATH

0218 **Algebra 1**

Category: Math **Grade:** 9-10 **No. of trimesters:** 3 **Credits:** 1

Algebra 1 begins with a traditional examination of algebraic expressions and equations, working with linear and quadratic functions, and solving systems of linear equations. Data analysis topics will also be introduced. This course will help students to develop the ability to explore and solve mathematical problems, think critically, work cooperatively with others, and communicate ideas clearly.

0225 **Informal Geometry**

Category: Math **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

This course is designed to develop the basic knowledge of high school geometry as it applies to everyday life, while continuing to build the skills in algebra and data analysis needed for further advancement in school or work. To complement the regular academic work, projects and activities will be used to enable students to learn geometry through exploration.

0224 Geometry**Category:** Math **Grade:** 10-11 **No. of trimesters:** 3 **Credits:** 1

Geometry is the study of points, lines, planes, and plane figures. Much emphasis is placed on deductive reasoning in geometric proofs and problem solving with two dimensional figures. Algebra is integrated into many aspects of geometry. Data analysis concepts will be explored.

0222 Honors Geometry**Category:** Math **Grade:** 10-11 **No. of trimesters:** 3 **Credits:** 1

Honors Geometry will build on a basic knowledge of vocabulary and geometric properties. That knowledge will be applied to logical geometric proofs and reasoning. Students will be challenged to recognize patterns in geometry and represent them with algebra. Data analysis topics will be incorporated.

0228 Algebra 2**Category:** Math **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

Algebra 2 begins with a review of basic algebraic processes followed by a study of linear functions, systems of linear equations, quadratic functions, exponential functions, rational functions, irrational functions, and data analysis. This course will help students to develop the ability to explore and solve mathematical problems, think critically, work cooperatively with others, and communicate ideas clearly.

0230 Honors Algebra 2**Category:** Math **Grade:** 9-11 **No. of trimesters:** 3 **Credits:** 1

This course extends beyond the content and rigor of Algebra 2 and includes the study of linear, quadratic, exponential, rational, irrational, and higher degree functions at a greater depth. Other topics include systems of equations, logarithms, and data analysis. There will be a greater emphasis requiring students to apply their knowledge. This course requires maximum student responsibility, motivation, and participation. Students in Honors Algebra 2 will begin to receive the necessary algebraic preparation for advanced mathematics courses in the senior year such as AP Calculus and AP Statistics.

SCIENCE**0327 Tech Prep Biology****Category:** Science **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

The purpose of the course is to provide the science foundation for further study in agriculture, health, Consumer Science, and certain areas of technology and the trades. It presents biology in the context of work, home, society, and the environment. It uses an applications-oriented approach to teach the concepts of biology, and emphasizes problem-solving, decision-making, and hands-on learning. Typical units covered are: Animal Life Processes, Community of Life, Continuity of Life, Microorganisms, and Plant Growth and Reproduction. The course is geared for students planning on attending a two-year community college. The course fulfills the biology requirement for graduation. Upon successful completion of this course, it is strongly recommended that the student take the Tech Prep Chemistry course to complete the "Tech Prep" science curriculum.

0310 College Prep Lab Biology**Category:** Science **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

This course is designed for students planning to go on to a four-year college or a technical college, which requires a lab biology course. This course utilizes laboratory investigations, independent research, writing assignments and various classroom activities to examine topics such as ecology, cellular biology, biochemistry, genetics and evolution.

0336 Honors Lab Biology**Category:** Science **Grade:** 9-10 **No. of trimesters:** 3 **Credits:** 1

Honors biology is a year-long course designed for students who plan to attend a 4-year college and major in a science related field. This course uses a college level textbook and students are expected to be able to read and assimilate information at an honors level. Strong mathematical and critical thinking skills are required to comprehend many abstract scientific concepts. Scientific papers and research projects are required of students in this class.

0340 Honors Lab Chemistry**Category:** Science **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

PREREQUISITE: LAB BIOLOGY, ALGEBRA 1, GEOMETRY, AND ENROLLED IN ALGEBRA 2. This course is similar in subject material to College Prep Lab Chemistry; however, the topics are covered in greater depth. A higher level of mathematics is used throughout the course. This course is designed for students planning on attending a four-year college in a science-related field.

SOCIAL STUDIES**0414 Global Studies 2****Category:** Social Studies **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

Global Studies 2 continues the study of world history to the present time. After beginning the year with a unit on Economics, major areas of emphasis will include: the Industrial Revolution; the rise of nationalism in Europe; the Age of Imperialism in Africa and Asia; World War I; World War II; the Cold War; developments in the modern world. Students will work on projects, complete research, write essays, participate in discussions, do outside reading, and complete research papers. Connecting the past to the present through discussion of current events and geography is an integral part of class. This course is geared to students planning to attend a two or four year college.

0415 Honors Global Studies 2**Category:** Social Studies **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

Honors Global Studies 2 continues the study of world history to the present time. After beginning the year with a unit on Economics, major areas of emphasis will include: the Industrial Revolution; the rise of nationalism in Europe; the Age of Imperialism in Africa and Asia; World War I; World War II; the Cold War; developments in the modern world. Students will work on projects, complete research, write essays, participate in discussions, do outside reading, and complete research papers. Connecting the past to the present through discussion of current events and geography is an integral part of class. This course is geared to students preparing for AP/Dual Enrollment level courses and/or highly competitive four-year colleges. Therefore, courses at the honors level are designed for students with high level reading and writing proficiency.

LANGUAGE**0545 Chinese 1****Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

Chinese 1 is an introduction to the Mandarin Chinese language and culture. Students will learn to speak and write and will have opportunities to experience foods, holidays and traditions of the Chinese people.

0547 Chinese 2**Category:** Language **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

This course is a continuation of Chinese 1. It includes exposure to different verb tenses and a wide range of vocabulary. Students will participate in cultural activities and work on projects related to the Chinese culture.

0500 French 1**Category:** Language **Grade:** 9-11 **No. of trimesters:** 3 **Credits:** 1

This course provides the student with the opportunity to develop listening, speaking, reading and writing skills in the French language. Oral skills are developed through the use of skits, dialogues and cooperative and hands-on learning activities. Students will be introduced to many aspects of the French culture. Study skills, structured and organized note taking, and pronunciation techniques are emphasized.

0501 French 2**Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

In this course the student will continue to develop his/her French language skills. Oral skills will continue to be emphasized along with an in-depth study of French grammar. The student continues to develop a better understanding of the French speaking world and cultures. Active and verbal participation is a must.

0520 Latin 1**Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

This course is designed to introduce students to the forms, vocabulary, and syntax of Latin as they learn to translate simple stories and answer reading comprehension questions. Students will also be exposed to the history and culture of ancient Rome and the study of the derivation of English vocabulary from Latin.

0521 Latin 2**Category:** Language **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

This course is a continuation of Latin 1 and will emphasize increasing students' knowledge of Latin vocabulary and grammar. Stories for translation and reading comprehension will begin to become more complex, and students will continue to learn more about Roman history and culture.

0510 German 1**Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

In this course the student learns both to speak with correct German pronunciation and to understand correctly spoken German. From the very first day, the course is conducted in German. Grammar taught is a basic grammar, composed of elementary rules of broad application, without the exceptions. Vocabulary building concentrates on learning those words which actually occur with greater frequency than others. Oral skills are developed through active dialogues with the instructor.

0511 German 2**Category:** Language **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

Emphasis is on expanding the student's abilities through acquisition of the ready-made phrases and expressions that have been shown to constitute nearly half of the spoken language. These are then used in dialogues to build up self-confidence and diminish tongue-tied inhibitions. The course develops reading skills while expanding the understanding of grammar to allow the student to both express and understand nuances of meaning. The course is conducted in German.

0526 Russian 1**Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

In this course the student learns both to speak with correct Russian pronunciation and to understand correctly spoken Russian. Grammar taught is a basic grammar, composed of elementary rules of broad application, without the exceptions. Vocabulary building concentrates on learning those words which actually occur in everyday situations. Oral skills are developed through active dialogues with the instructor.

0527 Russian 2**Category:** **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

This course expands the student's proficiency in speaking and understanding Russian which might be found in everyday situations. Emphasis is on increasing vocabulary, using the past and future tenses and writing in the Cyrillic alphabet. The student will become comfortable with the spoken and written language through conversations and readings. Verbal class participation is required.

0531 Spanish 1**Category:** Language **Grade:** 9-11 **No. of trimesters:** 3 **Credits:** 1

This course is designed to introduce the language, culture and geography of the Spanish speaking world. Cultural reading, conversations and lectures are incorporated to give the student a basic grammatical and linguistic background. Students will engage in reading, writing, speaking and listening activities, as well as, games and hands-on projects.

1501 Honors Spanish 1**Category:** Language **Grade:** 9-11 **No. of trimesters:** 3 **Credits:** 1

PREREQUISITE: TEACHER RECOMMENDATION OR APPROVAL. The course is designed for students who aspire to take the AP exam in their Senior year. It includes a study of Spanish and Latin American history and a rigorous program of grammar, reading, writing, listening and speaking in preparation for Honors Spanish 2.

0532 Spanish 2**Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

The course is a continuation of Spanish I with an introduction to Spanish and Latin American history. It includes exposure to all the verb tenses and a wide range of vocabulary. Students will participate in cultural activities and work on projects related to the Spanish-speaking world.

1532 Honors Spanish 2**Category:** Language **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

PREREQUISITE: TEACHER RECOMMENDATION OR APPROVAL. The course is designed for students who aspire to take the AP exam in their Junior/Senior year. It includes a study of Spanish and Latin American history and a rigorous program of grammar, reading, writing, listening and speaking in preparation for Honors Spanish 3.

PHYSICAL EDUCATION ELECTIVES**0380 Physical Education – Student Leader****Category:** Physical Education **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1.000

This is a course designed for students interested in a student leadership position. Students would qualify for the student leader position based on an interview and a minimum grade of 85 in Physical Education 9. The program will consist of adventure-based education and an introduction to lifetime and leisure activities. The student leader will learn to set up, instruct and debrief small groups on various activities. Student leaders will assist in setting up equipment for the activity of the day and generally help students in these areas under the supervision of the Physical Education teacher. Grading will be based on participation, and class instructional presentations. Student leaders will be required to change for class every day. This class is suggested for any student interested in a physical education, recreation or outdoor adventure programs or careers.

0357 / 0358 / 0359 Advanced Physical Education Trimester 1 / 2 / 3**Category:** Physical Education **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

This course continues to provide students in the 10th, 11th, and 12th grades with continuing opportunity to develop and refine necessary motor skills, improve and maintain physical wellness, participate in lifetime physical activities, and engage in self expression and social interaction. This elective is designed to allow student choice in the selection of physical activities. Students will participate in two to three week units. The activities that are offered, but not limited to are: recreational team sports, competitive team sports, individual/lifetime activities, outdoor activities, introduction to non-traditional activities, team building and cooperative learning activities. This course will be held inside and outside of the gymnasium, and students will be required to participation in all areas of this course. There may be a field experience (field trips) for this course in one or all three trimesters.

FINE ARTS**0597 Photoshop****Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This course is offered to students who want to learn the elements of manipulation of graphics (pictures and photographs) using Adobe Photoshop. Graphics manipulation projects will be featured. Use of digital camera and scanner will be incorporated into the course. Students will edit and/or combine images to produce various graphic designs and layouts. Examples include advertisements for magazine articles, magazine or book cover pages, or restaurant menu covers. Students will also learn to use various filters in combination with layering and channeling to develop various graphic effects.

0598 Webpage Design**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

Webpage Design will introduce and expand the student's knowledge on various aspects of designing Web sites. This course will examine basic Hypertext Markup Language (HTML). During this class, students will apply their knowledge while creating various Websites from scratch. Topics such as design principles, planning and hosting will be addressed.

0611 Visual Journaling**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

Students develop their own styles as they combine various techniques in art and writing. A culmination of watercolors, designs, poetry and freewrites result in a personal art journal.

1684 Visual Journaling 2**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

While achieving a balance in art and writing, students experiment with techniques such as marbling, printmaking and calligraphy. Journal-writing prompts focus on self-discovery, goal-setting and the aspirations of high school students.

0614 Art 1**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

Art 1 is a survey course which explores art theory, famous artists and techniques through two and three-dimensional projects, such as drawing, painting and sculpture. Students will be introduced to art vocabulary as they read and write about art.

0615 Art 2**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

PREREQUISITE: ART 1. A variety of mediums provides a stimulus for aesthetic growth with hands-on projects such as clay pottery, sculpture, painting and drawing.

1687 Advanced Drawing**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

PREREQUISITE: ART 1. The ability to draw is the basis for the creation of all other art...painting, sculpture, printmaking and ceramics. It enables the artist to plan/describe what he or she visualizes and helps them to fully express their intentions.

In this class we will be working from life. Some assignments might include drawing the skeleton of an animal, five views of the same object, a pile of shells or a tin can. These will not be quick sketches, but detailed drawings making objects look three dimensional on a flat surface using line, shape and value.

We will be working primarily with Ebony pencils and also experimenting with other mediums. Students will increase their ability to see and develop a sense of expression, by taking this class.

1683 Watercolor Painting**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

Explore watercolor with an emphasis on the skillful handling of the most expressive paint medium. Students will be introduced to color theory, composition and a variety of watercolor techniques.

1697 Watercolor Painting**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

Students will be introduced to color theory, composition and a variety of techniques as they learn to handle watercolors skillfully. Selections will be made for an art exhibit at the end of the year.

1922 Clay Forms**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

Clay Forms is a comprehensive program that provides an opportunity for students to explore and experience new approaches to functional clay forms that can be used in everyday life. Projects might include such things as wall pockets, mugs, plant pots, wind chimes, bird houses, cell phone holders, soap dishes or jewelry.

1924 Advanced Clay Forms**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

This course is a continuation of Clay Forms. Students will further explore and create functional clay forms used in everyday life. The emphasis is on creating functional forms with aspects of glaze techniques and firing procedures. Students' projects will culminate in an art exhibition at the end of the year.

1699 Street Art / Mural Painting**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

Forms of street art will be investigated, including discussions about and encounters with street photography, graffiti, sculpture, installation art, art vandalism, underground art, urban sound projects and large-scale projections, with an aim to understand how such art forms came into being and how they may express a distinct message to the inhabitants and visitors of Erskine Academy.

Painting murals and planning installations for the Erskine community or public space will involve coordinating key components. For the class portion, we will learn various methods of painting, how to make a proposal for a public space and meet with the community that will house and help in making the mural. We will coordinate with administrators and learn to identify a theme for those that will live with the mural. Self-portraits and portraits of co-students as well as understanding architectural spaces will be emphasized. We will learn about mural paintings history, its social, local and international roots.

1690 Digital Animation**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

Using basic animation software we will be exploring the principles of cartooning as developed by Walt Disney Studios. In exploring these elements we will create a number of short animations designed to be both amusing and accessible. Topics include major 20th century animated films and television shows; symbols and themes; narrative structures; storyboards; information design; and visual delivery techniques.

1682 Digital Video Production**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

This course will include advanced techniques in field production for commercial and educational television. Emphasis will be given to pre- and post- production stages, as well as training for independent assignments and "electronic news gathering". Students will gain hands on experience in lighting, composition, staging, directing, on-camera announcing and interviewing. Students will also learn techniques in planning and preparing for the production process. In post- production, students learn the fundamentals of media asset management, advanced editing techniques and different delivery methods with an emphasis on video compression for the web.

1920 Drama**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

This class is for the drama student interested in the performance and backstage functions of putting on a show. The students will learn the basics of acting, blocking, costume creation, set creation, lighting, and make-up for the stage. The class is broken up into three parts. First trimester deals with acting basics; second trimester deals with directing and acting in minor, scene-length productions; and third trimester the class will perform a one-act play. Students will be required to spend some time after school hours rehearsing and preparing for the show.

0620 Interior Design**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

The course will introduce students to a variety of topics concerned with creating a pleasing environment. The course will explore the effective use of various decorating choices and stress the importance of organization. Students will design a house, and using design concepts decorate each living space.

0649 Screen Printing**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

Screen Printing is an introductory level class bringing students an awareness of the printed graphics industry. Through the use of coating tools, 2-ply film, silk-screens and textile inks, students will attain skills associated with the graphics field.

0650 Custom Wood Production**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

A list of six to eight different projects with wood will be completed. These projects will incorporate the use of all woodworking tools and machinery, as well as, proper techniques and work habits.

0651 Architectural Drafting**Category:** Fine Art **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

Topics include history of architectural styles and principles of good floor plan design, as well as execution of a complete set of plans and construction of a scale model.

1644 Speech and Debate**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This course is designed for - but not limited to - students who would like to compete on the Speech Team and be introduced to the basics of debate. Students will be trained in the eleven National Forensic League speech categories as well as in the fundamentals of Public Forum debate. We will explore a variety of literary genres for interpretation and oral delivery. We will stress the use of voice, enunciation, and expression.

0623 Concert Band**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

Concert band students will study a broad range of music and will have the opportunity to rehearse during the class period as well as perform in several exhibitions outside the scheduled class period. Students will be expected to understand basic music literacy and proficiency with the technique fundamentals of their particular instrument. The band performs concerts throughout the year. If you don't play a traditional instrument, please see the band instructor as you may still be able to join the concert band.

0624 Chorus**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

The Chorus explores and enjoys a wide spectrum of vocal music. Students will study the basics of singing technique, style and music theory. The Chorus performs concerts throughout the school year. Chorus is open to all students.

1688 Audio Sounds Artists**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

This course will incorporate group and individual projects, focusing on the three disciplines of audio recording/engineering: amplifying live music, digital recording (via laptop) and internet work. (i.e. uploading, sound cloud, building You Tube channel etc.). Students will also be required to fulfill listening assignments, since listening is needed to become better sound artists/engineers.

Students will learn how to correctly set-up the Music Department's sound systems. Students will learn about different microphone capabilities, microphone placement and how to successfully implement the sound board.

In addition, students will have responsibilities outside of class time. These students will be learning how to properly record, amplify and manage sound for live performances.

1925 Collaboration Ensemble**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

Are you interested in composing music? Ever thought about being a songwriter or exploring different styles of music? If so, this ensemble is for you.

Collaboration Ensemble is a year-long course that performs at least two times in the school year. By incorporating vocalists, instrumentalists, and performance artists in an open ensemble setting, Collaboration Ensemble provides an opportunity for poets, visual artists, dancers, and thespians to perform together throughout the year. No prior musical experience is required.

1568 Jazz Combo**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

Jazz combo is a performance class that performs many concerts throughout the year. Students will have the opportunity to be innovative with composing, soloing and perfecting their self-expression. Students will explore many styles of music and learn tools for improvisation and music literacy.

1569 Music Lab**Category:** Fine Art **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

Looking to understand how music works? If so, this is class for you. Music Lab is designed to help students at all levels and interest(s). This class is structured in three different settings: individual work (i.e. practicing, composing, extra music theory, listening); presentations (performing or presenting on an artist); and third, group learning. Not only do students study the “nuts and bolts” of music but they also enjoy group discussions on ALL types of music as well. Music lab is a trimester class; however, students are able to take music lab repeatedly as the instructor will focus on personalization. NO MUSIC EXPERIENCE NEEDED

CONSUMER SCIENCE**0600 Intro to Cooking****Category:** Consumer Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This is a beginning foods course. Students will learn the basic food preparation skills. This course strives to introduce students to identify nutritional needs and to apply basic principles to food preparation.

0604 Foreign Foods**Category:** Consumer Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This course is to help students learn and understand the cultural differences and similarities in food. This is an opportunity to integrate traditional food with foreign ideas. Basic food preparation from each country studied will be an important tool to understanding.

0605 Gourmet Foods**Category:** Consumer Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This is an advanced class in food preparation techniques and study of the individual dietary needs of special groups.

0606 Independent Living**Category:** Consumer Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

Students will learn skills to help them make informed and healthy choices as adults. We will explore the fundamentals of cooking, finance, sewing, parenting, digital citizenship and other topics. This is a crash course in “adulthood”.

0607 Child Development**Category:** Consumer Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This is the study of the child care process. Students will explore child development and common childhood behaviors.

1926 Independent Culinary Arts**Category:** Consumer Science **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

Independent students will use a variety of techniques as they research, create and reflect on their culinary experiences. Students will create a plan for the study, create resources describing each lesson including a reflection, and submit a final product summarizing the course.

1928 Baking**Category:** Consumer Science **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.33

This course is a study of the fundamentals of baking including terminology, tools and equipment, and functions of ingredients.

TECHNOLOGY**0596 Engineering Drafting****Category:** Technology **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

An investigation of a variety of drafting techniques including 2-D drawing, orthographics, isometrics, developments, and dimensioning. When presented with a design problem, student will solve that problem on the drawing board, CAD system and/or through working models. (Replaces Drafting I & II).

0642 CO² Car Production**Category:** Technology **Grade:** 9-10 **No. of Trimesters:** 1 **Credits:** 0.333

This course emphasizes individual learning exploration, thought, and experience. While using hand tools, students will construct a CO₂ powered race car. The student will be responsible for the vehicles' planning, design, forming, finishing, and racing. During the second half of the trimester, each student will complete a project while utilizing recycled materials.

0643 Residential Electricity**Category:** Technology **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This class focuses on electricity-how it is produced, delivered, measured, regulated, and handled. Math skills are employed and expanded. Students are required to complete a set of basic wiring experiences during class.

0644 Home and Car Care**Category:** Technology **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This class can be used to get more female students interested in Industrial Arts. In home maintenance, areas to be explored are basic carpentry, plumbing, electricity, sheet rocking, use of tools, and terminology. Car maintenance includes oil changes, checking shocks, fluid levels, changing tires, parts and functions of a vehicle.

0645 Engine Theory**Category:** Technology **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

A study of the principles of operation of engines and some small engine repair. Topics include: internal combustion 4-stroke reciprocating, internal combustion 2-stroke, diesel engines, rotary engines, principles of hydraulic power, cooling systems, and ignition systems.

ELECTIVES**0660 Current Events****Category:** Social Studies **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

This course will provide students with the opportunity to learn about and evaluate current issues on the local, state, national and global level. Students will utilize technology to research, discuss and present on various topics.

1617 Atrocities of the 20th Century**Category:** Social Studies **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

Genocide is widespread murder and other acts committed by governments or other groups with the intent to eliminate a national, racial, religious or ethnic group. It is estimated that forty million people were victims of genocide in the twentieth century. This trimester course will examine the precipitating causes, happenings and dynamics leading to atrocities in Europe, Africa and Asia. Potential case studies during the trimester include the Holocaust, Rwanda and Cambodia. The course will use film, novels, individual research and provided readings to explore each case.

1599 Street Law**Category:** Social Studies **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

Street Law is designed to provide students with a practical understanding of their legal rights and responsibilities and knowledge of current issues and controversies relating to law and the legal system. Additionally, the course will seek to improve the students' basic skills in critical thinking and reasoning, communication and problem solving.

1919 Historical Events through Film**Category:** Social Studies **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

This course will examine Hollywood feature films as a source of historical information. Each event or time period will be studied through a three part series. First, the time period being depicted in the film will be introduced to the students, then students will view the film and finally students will create a product in which the students will scrutinize the film by conducting research using more traditional sources, while also analyzing accuracy and taking bias into consideration. Films will vary each trimester based on new film releases and current issues in the world at that time.

1666 Robotics**Category:** Elective **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

The purpose of the Robotics course is to provide students with an engaging project based curriculum that has a foundation in science, technology, engineering, and mathematics (STEM). Classroom activities and experiences will enable the students to reach their full potential and develop the knowledge and skills that are vital to their success in an increasingly demanding and challenging age. Students will follow the basic engineering and design process in which they can use mathematics and science concepts in real-world applications. The students will hone their problem solving and leadership skills while planning, designing, building and competing in a cooperative group setting that is overshadowed by a motivating, competitive state robotics competition.

0246 Accounting I**Category:** Business **Grade:** 9-12 **No. of trimesters:** 3 **Credits:** 1

This course will cover the basic theory of accounting. Emphasis is on basic principles, concepts and procedures. New educational technology offers online work that connect concepts to the real world and focus on the unique course challenges facing students. This program significantly improves outcomes and elevates thinking by increasing student effort and engagement.

1590 Fundamentals of Law**Category:** Business **Grade:** 10-12 **No. of trimesters:** 1 **Credits:** 0.333

This study of business law with a focus on personal applications will instruct students to the systems of justice, court procedures, and civil, criminal, contract, and property law. This class includes a mock trial and actual court case scenarios. This course is helpful for personal use and recommended for those intending on a college business major.

1591 Entrepreneurship & Small Business Management**Category:** Business **Grade:** 10-12 **No. of trimesters:** 3 **Credits:** 1

An introduction to the world of business and its opportunities for those well prepared to make economic success. This study of business ownership introduces students to marketing, purchasing, production, management functions and relations. Students will develop their own business plans, work with the technologies common to the development and operation of the small business, and learn how successful entrepreneurs built their businesses from idea to livelihood.

1648 Business Essentials**Category:** Business **Grade:** 10-12 **No. of trimesters:** 2 **Credits:** 0.666

This course will provide an introduction to three major areas of business. Students will be introduced to the principles of economics as they apply to both consumers and producers. Students will gain knowledge and skills that allow them to be proficient in a variety of marketing areas such as distribution, financing, marketing, information management, pricing, product planning and promotion, and selling skills. In addition, students will be provided with an introduction to the various components of the hospitality and tourism industry which will include an overview of careers that encompass this industry.

1677 JMG 10**Category:** Elective **Grade:** 10 **No. of trimesters:** 3 **Credits:** 1

Jobs for Maine's Graduates (JMG) is a statewide nonprofit that works within Maine's public schools to help students reach their fullest potential. Students in JMG are full of potential, but face barriers to education. It is JMG's goal to provide these students with the skills and resources they need to overcome those challenges, and to graduate from high school prepared to succeed in post-secondary education and the workforce.

JMG's mission is to identify students who face barriers to education, and to guide each one on to a successful path toward continued education, a meaningful career, and productive adulthood. This is accomplished through classroom instruction which includes oral and written communications, time management, personal finance, effective human relations and good work habits. JMG students also establish and manage a Career Association through which they build self-esteem, test leadership skills and explore career and educational opportunities.

1927 **World History through Video Games**

Category: Elective **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

World History through Video Games uses video games as a visual and interactive focal point to explore key moments in history. The topics will range between the Crusades, WW II, British colonialism in the Caribbean, and many other eras in human history. The students will not only be able to play these video games during the class but also take notes or participate in class discussion on what the video game is showing. Though many games do focus heavily on war and conflict, this will not be the focus of the class and will instead be on many of the cultural, political and intellectual developments that happened around the world during these events.

1930 **Plan, Produce Podcast**

Category: Elective **Grade:** 9-12 **No. of trimesters:** 1 **Credits:** 0.333

In this class, you will discover the power of your own voice and the voice of others while planning and producing podcasts. Podcasts are today's version of oral storytelling. Do you have a story to tell? You will learn the multiple components of making a successful podcast: scripting, writing, audio recording, revising and finally producing.