

Rossford High School
2019-20 Course Offerings
(Listed by Department)

ART

ART FUNDAMENTALS 1 & 2

.50 Credit each (one semester course) Space is limited. **In cases of over enrollment, selection of students may be based on staff recommendations.**

These courses serve as the foundation for later, more advanced study. The course content includes introduction to the foundation skills of art, including drawing, painting, print-making, design elements, clay and 3-D work. Proper techniques and execution of final products will be emphasized. Drawing and paint making will cover line, value and texture. Painting encompasses an understanding of correct color mixing, value and intensity changes. Clay encompasses simple vessel construction and sculpture techniques. 3-D art will cover armature and wire construction.

2-DIMENSIONAL ART

.50 Credit (one semester course) Space is limited. Prerequisite: Art Fundamentals. **In cases of over enrollment, selection of students may be based on staff recommendations.**

This is a semester course which may be taken for a second and third time. This is for the advanced student who is strong in 2-D work and would like to concentrate on becoming a more accomplished artist. The content of the 2-D course will include concentrations in drawing, printmaking, painting, design, air brush, and mixed media. The student will experiment with all mediums appropriate for 2-D work, such as different types of pencil, pastels, inks, graphite's, watercolors, temperas, oils, and acrylics. The use of computer graphics may also be included. Proper techniques and execution of final products will be taken to the next level beyond those taught in Art Fundamentals.

3-DIMENSIONAL ART

.50 Credit (one semester course) Space is limited. Prerequisite: Art Fundamentals. **In cases of over enrollment, selection of students may be based on staff recommendations.**

This is a semester course which may be taken for a second and third time. This is for the advanced student who is strong in 3-D work and would like to concentrate on becoming a more accomplished artist. The content of the 3-D course will include concentrations in clay, plaster, stone, wire, 3-D design and jewelry. The student will experiment with all mediums appropriate for 3-D work and learn the proper use of tools associated with 3-D art. Proper techniques and execution of final products will be taken to the next level beyond those taught in Art Fundamentals.

ADVANCED ART – 2 DIMENSIONAL

.50 Credit (one semester course taken only one time) Prerequisite: Art Fundamentals and 2-D Art.
Student must have obtained a C or better in 2 Dimensional Art.

This is an advanced level course for the student who wishes to pursue a higher degree of quality and craftsmanship in their work. The first nine weeks will involve intense studies in 2-D mediums of clay, plaster, and stone. During the second nine weeks, the instructor and individual students will develop an individual project. This course will encourage self-discipline, discovery through research, and investigation of various art mediums as well as provide insight into the responsibilities inherent in art careers. It will also emphasize greater quality, quantity and craftsmanship in works of art on an advanced level.

ADVANCED ART – 3 DIMENSIONAL

.50 Credit (one semester course taken only one time) Prerequisite: Art Fundamentals and 3-D Art.
Student must have obtained a C or better in 3 Dimensional Art.

This is an advanced level course for the student who wishes to pursue a higher degree of quality and craftsmanship in their work. The first nine weeks will involve intense studies in 3-D mediums of clay, plaster and stone. During the second nine weeks the instructor and individual students will develop an individual project. This course will encourage self-discipline, discovery through research, and investigation of various art mediums as well as provide insight into the responsibilities inherent in art careers. It will also emphasize greater quality, quantity and craftsmanship in works of art on an advanced level.

DIGITAL PHOTOGRAPHY

.50 Credit (one semester course) Space is limited. Prerequisite: Art Fundamentals 1&2. **In cases of over enrollment, selection of students may be based on staff recommendations.**

Students need to have a digital camera (Compact Digital Cameras or (DSLR) 35mm Digital cameras and a Memory Card for your camera

This course will help the students become well rounded in the fundamentals of digital photography. Students will develop their technical skills in the use of their camera along with studying the Elements & Principles of Design and how they are employed in their photography in developing strong visual compositions.

BUSINESS EDUCATION

PERSONAL FINANCE

.50 Credit (one semester course) *Open to grades: 11 & 12*

This course offers the student an opportunity to learn how to make appropriate financial decisions. Among the areas to be covered include banking services, emphasizing maintenance of checking/savings accounts, investing/borrowing decisions, and analysis of major purchase (home/and or automobile) decisions. Income tax form preparation and making appropriate insurance decisions will also be covered to prepare students for success in our economic world.

It is strongly suggested that any student who is contemplating post-secondary training in any field of business enroll in an Accounting course.

ACCOUNTING 1

.50 Credit (one semester course) *Open to grades: 10, 11, & 12*

This course introduces the student to basic accounting principles and how these principles apply to a proprietorship. Actual practice in handling business transactions, forms, and reports is given through the use of practice tests.

ACCOUNTING 2

.50 Credit (one semester course) *Open to grades: 11 & 12 AND those who have taken Accounting I*

This course is a continuation of Accounting I, as it reinforces basic accounting principles and introduces the use of special journals, payroll records, and payroll taxes. In addition, this class looks at how a partnership is set up and run. **Accounting II is operated as an independent study class.**

ACCOUNTING 3

1.0 Credit (one year course) *Open to grades: 11 & 12 AND those who have taken Accounting I & II*

This course involves the advanced concepts and principles which are necessary for the understanding of advanced bookkeeping and accounting subject matter. Problems, projects, and practice sets will be utilized to familiarize the students with the necessary business forms and papers which would ordinarily be handled in the course of business operations. Students interested in this course must be self-motivated and self-disciplined, as **Accounting 3 is operated as an independent study class.**

CAREER SEARCH I

.50 Credit (one semester course) *Open to grades: 10, 11 & 12*

As part of this class, students will create or update Individual Academic and Career Plans (IACPs), practice job skills, and interpret career workplace issues. They will demonstrate how academic achievement influences personal and career growth. They will learn conflict resolution techniques and how to apply social skills leading to healthy, caring and responsible citizenship, as well as effective school, career and family relationships. This class is highly recommended for students at the tenth and eleventh grade level. It is a great introduction for Career Search II.

JOURNEY TO COLLEGE AND CAREERS

.50 Credit (one semester course) *Open to grade 12*

This course will ease the transition from high school to a 4 year college by providing students with information on the college application process, continued ACT/SAT test prep, campus life, financial aid, basic banking (checking and savings), credit, acquiring and making payments on loans, and budgeting will be covered. Some components of the course include: completing college applications, taking the ACT or SAT, independently visiting a college during the semester, updating a resume, completing and monitoring a personal budget, and obtaining a FAFSA pin.

COMPUTER EDUCATION

One computer credit (two courses) is required for graduation.

COMPUTER APPLICATIONS FOR BUSINESS

.50 Credit (one semester course) *Open to grades: 9-12*

This course is designed to give all students an opportunity to investigate the business field, while utilizing the computer as a tool in word processing, spreadsheet, Internet, electronic presentation, and desktop publishing. Students will learn basic principles of communication, transportation, insurance, economics, personal banking and finance, investment, and wise consumer techniques.

INTERNET & WEB DESIGN

.50 Credit (one semester course) *Open to grades: 10-12*

Students will learn web-based navigation and research strategies for gathering and verifying information, as well as utilizing Web Apps. In addition, students will create web pages using HTML and Dreamweaver. Web page design will include elements such as text, images, links, sound and video.

DIGITAL PRESENTATIONS & PUBLICATIONS

.50 Credit (one semester course) *Open to grades: 9-12*

Students will create, produce, and print professional publications and business communications using the more advanced features of desktop publishing. In addition, students will create multimedia presentations that include video, text, graphics, animation, and sound.

DIGITAL VIDEO & PHOTO EDITING

.50 Credit (one semester course) *Open to grades: 10-12*

This course will focus on design fundamentals, photo editing, digital video editing, and advanced research methods utilizing the following applications:

- Adobe Photoshop Elements
- Adobe Premiere Elements
- Windows Movie Maker
- Word processing and presentation programs
- Google Apps

Students will create a portfolio of their projects and showcase their accomplishments.

Computer/Business Course Choices by Grade Level

Course	Availability			
	9th	10th	11th	12th
Computer Applications for Business	X	X	X	X
Digital Presentations & Publications	X	X	X	X
Internet & Web Design		X	X	X
Digital Video & Photo Editing		X	X	X
Accounting 1		X	X	X
Accounting 2* (after Acct 1)			X*	X
Accounting 3* (after Acct 2)			X*	X
Personal Finance			X	X

ENGLISH

Ohio students are required to earn four credits of English to graduate. Therefore, if a student wishes to graduate from Rossford, he/she must have earned four English credits to graduate. Electives in the English area earn elective, not English credit.

*ENGLISH PLACEMENT GUIDELINES

Students will be placed in regular and honors English courses on the basis of grades and teacher recommendation. Teacher recommendation will reflect student's writing ability, classroom responsibility, and reasoning skills.

The following policy will be in effect for students who have failed a course, or are candidates for early graduation: English 9 is a prerequisite for English 10. English 10 is a prerequisite for English 11 and English 12. Therefore, **a student will not be allowed to take the entire year of English 9 or 10 together or along with higher-level courses.** If a student passes 1 semester of their assigned English course, they will be permitted to enroll in the next level course but will be required to make up the failed semester. A student identified as a senior

will be allowed to take only English 11 and English 12 concurrently to meet graduation requirements. Early graduates must have their application on file before being allowed to take both courses.

ENGLISH 9

1.00 Credit (one year course)

English 9 focuses on transitioning from writing reflective essays to writing analytical essays in accordance with the Common Core Standards. Course material includes composition skills, grammar, usage, and mechanics. Readings include nonfiction works from the literature text and independent readings. Students will demonstrate proficiency of the writing process. The literature element of English 9 is a survey of literary genres. Active reading strategies and higher order/critical thinking skills will be utilized to interpret reading selections. Emphasis is placed on developing reading skills and strategies, critical thinking skills, and verbal skills.

ENGLISH 9 HONORS

1.00 Credit (one year course) Open to freshmen by teacher recommendation (eighth grade) and by submitting a writing sample to the high school English staff as part of their assessment.

English 9 Honors is a course that intensifies the study of grammar and literature taught in the English 9 courses. This class is for students who wish to move at a faster pace. The workload outside of class is more demanding in the honors class. Completion of both essays and novels are required components of this course. A novel specified by the English 9 Honors teacher will be assigned over the summer and will be discussed during the first week of school. This course is weighted .5 additional quality points.

ENGLISH 10

1.00 Credit (one year course)

English 10 Literature is a study of multi-genre world literature. Texts will include both literary fiction and nonfiction and will require evidence-based oral and written response. Sophomore English is writing-intensive. Completion of formal essays is mandatory to pass this course. Students will read and respond to comparative world literature as well as polish their research skills and persuasive writing skills.

ENGLISH 10 HONORS

1.00 Credit (one year course) **Writing Comparative World Literature** - Open to sophomores by teacher recommendation

English 10 Honors is a writing intensive study of comparative world literature, with literature of Great Britain to be emphasized. It is similar to English 10, but requires more extensive independent reading, literary criticism, and application of essay formats to the literature. Students considering Advanced Placement English should take this course, which is weighted .5 additional quality points. A novel specified by the teacher will be assigned over the summer and will be discussed during the first week of school. An additional novel selected by the student from an approved list will be read independently during second semester and analyzed in a formal paper.

ENGLISH 11

1.00 Credit (one year course)

English 11 is a multi-genre study of American Literature. Reading will include both literary and informational texts and will require evidence-based oral and written response. The composition element of the English 11 class will be focused on analytical and argumentative writing. All essays will be written following MLA guidelines.

ENGLISH 11 HONORS

1.00 Credit (one year course) Open to juniors by teacher recommendation

English 11 Honors is a course similar to English 11, but additional advanced American literature is included and writing requirements are more frequent and of increased length and complexity. Longer reading assignments will require considerable reading to be completed independently, outside of class. This course is considered writing intensive with a higher standard of content, style and mechanical accuracy expected of students.

Students will be assigned a novel-based summer project due the first week of class.

ENGLISH 12 COLLEGE BOUND

1.00 Credit (one year course)

English 12 CB is a course in which skills appropriate for colleges are stressed. Literature will stress British authors. Composition assignments will be based on literary works and on the practical aspects of applying for college and employment. Completion of a research paper is mandatory to pass this course. Students considering attending a four year college should enroll in this course.

NEWSPAPER

1.00 Credit (one year course) Students must apply for this course. Open to sophomores, juniors and seniors

Newspaper is a study of various forms of print media. The class will be responsible for the publication of the school paper, *The Maroon Messenger*, as well as the *Gray Gazette*, on the district website. Reporting will be done on newsworthy events that affect Rossford High School, the community and state. Students will begin to apply the following skills: recognition of newsworthy events; writing about these issues in an objective, informative publication; headline development; arrangement of material in an acceptable media format; computer skills; and working cooperatively with other class members. Some basic photography will also be included in the course. Other newspaper related skills may be utilized to include but not limited to advertising, cartoons, opinion page, etc. depending on numbers and skills of individuals. Each successive year will include instruction in more advanced skills and will allow for individual growth in the area of leadership. Selection will be made by course instructor.

SPEECH

.50 Credit (one semester course)

Speech is an introduction to public speaking with emphasis on the basic fundamentals necessary to write and deliver speeches of varied types. Choosing a subject, organizing and outlining, researching, preparing, and delivering speeches to entertain, inform, stimulate, convince, or persuade will be emphasized. Proper use of the body and voice, as well as listening exercises is included in the course.

STAGECRAFT

.50 Credit (one semester course)

Stagecraft is a theatre course designed to keep student involvement in mind. This course will emphasize all aspects of theatrical production including: play selection, rehearsal schedules, lighting, sound, special effects, make-up, costuming, set construction, set design, publicity, etc. This is a “hands-on” course for students who wish to learn about the “craft” of theatre. Field trips (when possible) will be available to the student during the semester.

ACTING I

.50 Credit (one semester course)

This is a theatre course designed to keep students involved. This course will emphasize basic “beginning” acting skills including: stage direction, body movement, pantomime, voice training, improvisation, and character acting. Students will have the opportunity to perform excerpts from monologues, one-act, and full length plays. This is a “hands-on” participation course in which students learn to interpret and perform literary works. Field trips will be made available (when possible) during the semester.

ACTING II

.50 Credit (one semester course) Prerequisite: Acting I

This Advanced Acting course will continue to examine theatre productions through student involvement in acting performance. Students will have the opportunity to perform all genres of theatre previously studied in Acting I. However, in Acting II there will be more emphasis on acting styles and methodologies. This is also a “hands-on” participation course in which students will be given the opportunity to both perform as well as direct. Field trips and student visitation to area theatres and theatre productions will be made available (when possible) during the semester.

CLASSICAL MYTHOLOGY

.50 Credit (one semester course) Open to sophomores and upperclassmen

Based on the classic anthologies of Edith Hamilton and Thomas Bulfinch, this course is an introduction to Greek and Roman mythology. Through extensive reading, research, creative projects, tests and presentations, students will acquire considerable knowledge of mythological characters and stories as well as being able to distinguish a myth from other literary genre.

LITERATURE SEMINAR: LITERATURE IN FILM

.50 Credit (one semester course) Open to sophomores, juniors and seniors

The focus in the class is on reading selections that have been converted into critically-acclaimed films. The class satisfies benchmarks in multiple areas related to reading, writing, and visual literacy. Students will read several short stories and a novel during the semester. Students will use the stories and novels to discuss and analyze literary elements. Several literary essays will be expected of students as well. Film clips will be used to enhance and illustrate a visual understanding of the reading, which allow for further discussions dealing with point of view, narrative style, interpretation of theme and symbolism, and other literary elements as they appear visually in the films based upon the literature. Discussion and activities in the class will focus on elements of film-making from an academic standpoint rather than a technical one, which will allow students to participate in activities where they will establish their own visual interpretations of the reading selections for the class. One of the writing activities for the class, for example, will focus on creating a screenplay adaptation of a chapter of one of the novels read for class. This class is open to 10-12 graders and does not have a prerequisite; however, students should have an interest in English if they wish to take the class.

CREATIVE WRITING

.50 Credit (one semester course) Open to sophomores (with teacher recommendation), juniors, and seniors

This class gives students who have a genuine interest in writing the chance to enhance their creative writing and thinking skills. Information about publishing original works on a national and local level will be distributed. The class will be a combination writing lab and forum-style class where students will critique one another’s work openly in class along with teacher guidance to help students improve their manuscripts and work toward publication. Students will be expected to write a minimum of two short fiction pieces, four poems, and a critique of one novel read outside of class. Students will develop creative, evaluation, revision, and editing skills; gain further appreciation of literature, and learn about writing careers. Work will be submitted for publication and/or the student’s portfolio.

YEARBOOK

1.00 Credit (one year course) Students must apply for the course. Open to sophomores, juniors and seniors

Yearbook is a study of various forms of print media with the responsibility of publication of the R-Pride (the school yearbook). This class will be geared toward the layout and design of the book. Students will learn the skills necessary for publication in computer graphics, layout and design, photography and limited news reporting. Work in advertising and book sales will also be done and the students will see

how a book is created, published and ultimately distributed. Each successive year will include instruction in more advanced skills and will allow for individual growth in the area of leadership. Selection will be made by the course instructor.

LITERATURE SEMINAR

.50 Credit (one semester course) Open to sophomores, juniors and seniors

There may be a fee involved depending upon the seminar topic offered. This course may be taken for credit more than once.

This is a literature course that is offered as a semester credit elective. It is offered every semester pending enrollment and teacher schedules. This course is rotated between all English department teachers and varies based on which instructor is teaching. However, the focus of the class will be on enhancing students' understanding, analysis, and appreciation of selected literature works, genres, and themes ranging from classical to contemporary. The course may utilize unlimited examples of classic literary novels, current best-sellers, poetry, lyrics, and other aspects of popular culture as examples of course texts. The instructor will choose the selections or themes to be taught. This course may be taken again for additional credit, as the course changes per semester. Written

permission must be attained by the student to insure the course is not repetitious in content. Examples of literature selections could include, but are not restricted to, "The Works of John Grisham," "Analysis of Stephen King's, The Stand," a study of attire, etc.

LITERATURE SEMINAR: SPORTS LITERATURE AND FILM

.50 Credit (one semester course) Open to sophomores, juniors and seniors

This is a one semester course that will consist of an examination of sports from several perspectives through interaction with literature presented by sports columnists, the media, and contemporary authors. Sports have become an important aspect of American society, so much so that the entire television networks and media outlets have provided around the clock coverage of them. As a result, the impact on society as a whole has been great. We will examine this impact through a variety of modern fiction, non-fiction, poetry, biographies and commentaries. Writing in the course is designed to be both descriptive and critical so that you can express reactions and thoughts clearly and concisely. Through the use of sports literature and other media forms, the primary objective is to develop the ability to express your thoughts and opinions through writing and various forms of communication. By doing so, you will also have a greater sensitivity to the world of sport and the philosophical and sociological relationship between the world and contemporary society.

LITERATURE SEMINAR: YOUNG ADULT LITERATURE

.50 Credit (one semester course) Open to all students

This course is an introduction to the multiple genres of contemporary young adult literature. The assigned reading is designed to expand a student's literal, interpretive, and evaluative comprehension skills. Award winning young adult novels are the focus of the curriculum. Some nonfiction will be used to supplement novel study. The class will discuss genre, theme, representations of adolescence and adulthood, and censorship. Reading is heavily stressed in this course and students will be expected to complete some reading assignments outside of class.

Additional English courses may be offered as developed through the College Credit Plus program.

FOREIGN LANGUAGES

SPANISH I

1.00 Credit (one year course) Prerequisite: None

Students in Spanish I are introduced to the basics of the language itself and to Hispanic culture. Reading, writing, listening, and speaking skills are practiced. Everyday vocabulary - numbers, colors, family, foods, clothing, weather, etc. - is studied. Communication skills are developed through conversational practice and pronunciation activities. Cultural activities are used to promote understanding of the Hispanic world.

SPANISH II

1.00 Credit (one year course)

Students continue to develop reading, writing, listening, and speaking skills. Learning to communicate ideas and thoughts in Spanish is emphasized through oral and written activities. Grammar study continues, especially the use of present, past, and near future verb tenses. Students continue to study life in Spanish-speaking countries.

SPANISH III

1.00 Credit (one year course) Prerequisite: "C" or better in Spanish II for final grade.

Spanish III students will be given the opportunity to broaden their vocabulary and to further develop their conversational skills through a variety of handouts and daily activities with the teacher and with classmates. Selected authentic readings and recordings by Spanish natives will give students the opportunity to improve their reading, listening, and comprehensive skills. Students will continue to study Spanish grammar and will write directed compositions. Students will continue to study about the customs, history, and culture of Spanish-speaking countries with special emphasis on Spain.

SPANISH IV HONORS

1.00 Credit (one year course) Prerequisite: "C" or better in Spanish III for final grade and teacher recommendation. This is a natural continuation of Spanish III with emphasis placed on increasing the student's ability to understand Spanish when spoken, as well as speak, read and write Spanish with increasing ease. Grammar is reviewed with special emphasis on the subjunctive in preparation for college placement exams. Selected recordings by native speakers, readings, conversational activities, and compositions will help facilitate these goals. The study of Spanish IV should also expand and deepen the student's knowledge of Spanish-speaking countries and cultures.

MARKETING

MARKETING PRINCIPLES

.50 Credit (one semester course each) Open to Grade 10 – 12

Ever wonder why certain products make millions and why others don't ever make it to the store shelf? Easy, it's all about marketing! This course introduces students to marketing, covering topics such as selling, promotion, pricing, market research, product management/branding, channel management, economics, communications and technology. Students will use innovation skills to generate new ideas for products and services. Students will also use technology to select target markets, define a business's mission, and take initial steps in developing a business plan.

COLLEGE CREDIT PLUS - MARKETING MANAGEMENT I and DECA

Full Year/1 period College Credit Plus: 6 Owens Community College Open to Grade 11 or 12 Prerequisite: Application required
Method of Delivery: At Rossford High School

When you shop on-line, you are reading product information written by a marketing specialist. Every time a new product is introduced, market researchers helped to develop it. No new business, idea, or invention will ever progress unless marketing makes it happen! This course will introduce the student to the world of marketing. Through classroom instruction, virtual business simulations, participation in DECA activities, and current events studies, students learn about the functions of marketing, management, business, economics, communications, and employability.

If you are considering on majoring in business or marketing in college, want to make yourself stand out in today's competitive job market, have dreams of owning your own business one day, or are passionate about participating in DECA competitions, conferences, and business partnerships, consider Marketing Management.

Students will earn credit through Owens Community College for BUS 101 and BUS 102.

COLLEGE CREDIT PLUS - MARKETING MANAGEMENT II and DECA

Full Year/2 periods Credit: 12 Owens Community College Open to Grade 12

Prerequisite: Application Required

Method of Delivery: At Rossford High School

This course is offered to SENIORS ONLY and will provide you with a more in-depth and application-based study of marketing including marketing strategy planning, marketing communications/advertising, marketing research, motivational and psychology theories, branding techniques, product management, personal selling, pricing, channel management, and entrepreneurship.

Potential career paths for this class could include, but are not limited to, accounting/finance, advertising/public relations, business administration, human resource management, international business, entrepreneurship, fashion merchandising, hotel/resort management, sales/marketing, sports marketing management, and travel/tourism marketing.

Students will earn credit through Owens Community College for BUS 101, BUS 102, MKT 111, and MKT 125.

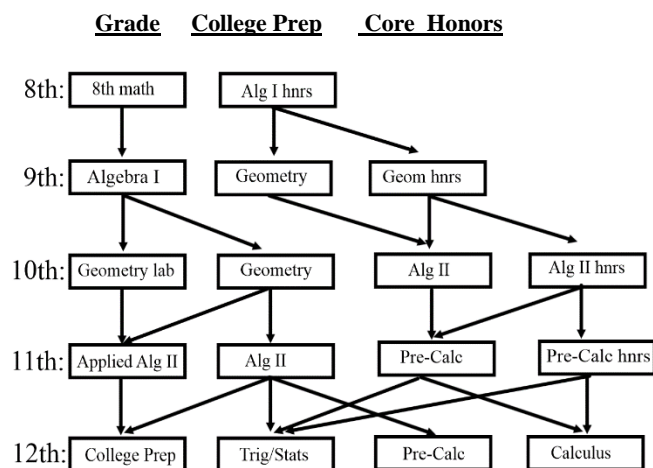
MARKETING MANAGEMENT COOPERATIVE WORK EXPERIENCE

Full Year Credit: 2 Open to Grade 12 Co-requisite: Must be enrolled in Marketing Management I or II

Are you interested in gaining practical knowledge of the business world through a cooperative work experience? While working at a part-time job, apprenticeship, or internship, students enrolled in this course will apply classroom knowledge, skills, and attitudes in a more comprehensive and authentic way. Through a partnership between the employer and instructor, students will work an average of 10 hours per week at an approved business experience where they will be evaluated on employability skills, customer service, sales activities and assigned connecting activities and projects.

MATHEMATICS

The mathematics course of study provides different levels of instruction dependent upon the aptitude of the student and his/her college or career aspirations. Placement tests, standardized tests, prior math grades, and teacher recommendation will be weighted very heavily in assigning each student to the appropriate class. All courses meet both graduation and 4 year college core prep requirements. **Beginning with the graduating class of 2014, four credits of math will be required. Please note carefully:**



Students should have a calculator for all levels of mathematics.

- All students should have at least a scientific calculator. If it has sin, cos, and tan keys it is a scientific calculator.
- Precalculus, Calculus, Statistics, Trigonometry and Algebra II students are **required** to have a graphing calculator. If you already have a full function graphing calculator, it will do. We demonstrate using the Texas Instruments TI-84+ and find it is much easier for students who have the TI-84+. Any other type of calculator, especially one that is not a Texas Instrument, will require a lot of self-discovery on the students' part because they all operate differently. The TI-84+ costs run from \$90 to \$100. Students whose family is on a limited income may qualify for the loan of a calculator. They should consult the principal or counselor.

COLLEGE PREP MATH

1.0 Credit (one year course) Grade 12 – Prerequisite: Algebra II and teacher recommendation

This course is designed to prepare students for a college algebra course, but who are not yet ready for pre-calculus. Topics include a continued study of algebra, geometry, probability and matrices, and an introduction to discrete math, statistics, and trigonometry. This is considered a college-prep course designed for students who have completed Algebra 2. **A graphing calculator is recommended (TI 84+).**

ALGEBRA I

1.00 Credit (one year course)

This is a four-year college core class. This course encompasses a study of algebraic symbols, using these symbols to translate an English sentence into an algebraic sentence (equations and inequalities) and the solution of these sentences. Specific topics include, but are not limited to, signed numbers, inequalities, functions (linear and quadratic), polynomials, factoring, radicals, and systems of equations. Daily homework is required

GEOMETRY

1.00 Credit (one year course).

This course focuses on the study of Euclidean Plane Geometry with emphasis on developing it as a system based on logical thinking. Some space Geometry and coordinate Geometry is also included. Topics include lines and angles, congruent triangles, parallel and perpendicular lines, constructions, polygons, volumes, areas, circles and spheres, loci, similarity, coordinate Geometry, transformations, triangle inequalities, and basic trigonometry. Daily homework is required

HONORS GEOMETRY

1.00 Credit (one year course) Prerequisite: Instructor approval

This course will cover the same course of study as Geometry with the exception that the honors level will be more challenging in the areas of math reasoning and problem solving. The pace will be faster than the standard geometry

ALGEBRA II

1.00 Credit (one year course) Prerequisite: A “C” or better in Geometry, or teacher recommendation. A graphing calculator is required. This course provides a deeper insight into the Algebra and Geometry already learned. These concepts are combined and extended to include more complicated problems. Students will also be introduced to complex numbers, new functions including exponential and logarithmic, probability, statistics, and trigonometry to name a few. Daily homework is required!

HONORS ALGEBRA II

1.00 Credit (one year course) - Prerequisite: Instructor approval. This is a college core class. A graphing calculator is required. This course will cover the same course of study as Algebra II, with the exception that the honors level will be more challenging in the areas of math reasoning and problem solving. Also, the pace will be faster than the standard Algebra II course, and more courses may be covered.

APPLIED ALGEBRA II

1.00 Credit (one year course) Prerequisite: Completion of Geometry, or teacher recommendation. A graphing calculator is required. This course will cover a wide variety of algebra topics which includes solving and graphing linear questions and inequalities, solving systems of equations, properties of matrices, solving systems with matrices, properties of quadratic equations, methods of solving quadratic equations, properties of polynomial equations, methods of solving polynomial equations, and properties of exponential growth and decay. Daily homework is required!

TRIGONOMETRY/STATISTICS

.50 Credit (one semester course each) Open to juniors and seniors - Prerequisite: Algebra II
These courses are designed to augment the curriculum and meet the needs of a particular audience. The target audience will have successfully completed Algebra I, Geometry, Algebra 2, and possibly Precalculus. These courses are intended for college bound students. They are designed to include topics that would be needed to prepare students for a Precalculus math course at the college level. Trigonometry will include topics such as right triangle, oblique triangle trigonometry, circular functions, and trigonometric equations and identities. Statistics will include topics such as data analysis, probability models, sampling hypotheses, single variable and two variable statistics, and distribution models. A Texas Graphing calculator (preferably TI84) is required for this class.

PRECALCULUS

1.00 Credit (one year course) Prerequisite: “C” or better in Algebra II. A graphing calculator is required. This course is intended for those who will need Calculus in college. Students capable of taking this class are encouraged to do so because there is a high correlation between those who succeed in college math and those that take at least four years of math in high school. There is a large degree of responsibility placed on the individual student at this level as preparation for courses in Calculus and abstract Algebra. Topics include but are not limited to: coordinate Geometry, conics, trigonometric identities, polar equations, parametric equations, limits, study of functions and their graphs, infinite series and vectors. Daily homework is required!

HONORS PRECALCULUS

1.00 Credit (one year course) Prerequisite: Teacher recommendation
This course will cover the same course of study as Precalculus with the exception that the honors level will have higher expectations and therefore more challenging in the areas of math reasoning and problem solving. Also, the pace will be faster than the standard Precalculus course.

CALCULUS

1.00 Credit (one year course) Prerequisite: Teacher recommendation. A graphing calculator is required. This course consists of a full academic year of work in Calculus and related topics comparable to courses in colleges and universities. Dual Enrollment Calculus is a course in introductory Calculus with elementary functions. Students entering Dual Enrollment Calculus must have a thorough knowledge of Algebra, Axiomatic Geometry, Trigonometry, and Analytic Geometry (rectangular and polar coordinates, equation and graphs, lines, and conics). Topics include the study of: functions and graphs, limits and continuity, Differential Calculus and Integral Calculus.

MUSIC

VARSAITY BAND

1.00 Credit (one year course)
This instrumental music course includes both marching and concert experience and is open to students in grades 9-12. Entrance will be through audition. Course expectations include attendance at scheduled summer and evening rehearsals and performances.

MIXED GLEE

1.00 Credit (one year course)
Participation in choir is by audition only and is made up of students in grades 9-12. The class performs concerts throughout the school year. All members must be auditioned and recommended by the director for eligibility

VARSITY CHOIR

1.00 Credit (one year course)

This is a select choir by audition only and is made up of students in grades 9-12. Music performed is of a higher level of difficulty than the music in "Mixed Glee." The class performs concerts throughout the school year. All members must be auditioned and selected by the director for eligibility.

MUSIC APPRECIATION

.50 Credit (one semester course)

This course is a one semester review of music as it affects our lives. Included within this review will be a general overview of music history, music theory, and composition. No previous musical experience is necessary.

PHYSICAL EDUCATION/HEALTH

EXERCISE PHYSIOLOGY

.50 Credit (one semester course) Open to sophomore, juniors and seniors who have completed their Physical Education Requirements -

Prerequisite: Two semesters of Physical Education.

Students will learn the fundamental skills necessary to improve their health through proper exercise and nutrition and to develop lifelong healthy habits. This course is designed to provide students with basic knowledge of resistance training, proper nutrition, plyometrics, aerobic activity, warm up activities and stretching. During the second nine weeks, the students will develop and implement their own fitness plan.

PHYSICAL EDUCATION

.25 Credit (one semester course) .50 credit required for graduation

This is a co-ed semester course. Objectives of Physical Education are the development of the physical capabilities of each student in the program and to provide guidance for intelligent care of the body and mind. Coordinated in this program is the parallel of social envelopment gained by the close and informal contact possible in team and individual sports and the self-test possibilities of various activities. Each student will work to improve body composition through work with weight machines and aerobic activities.

PERSONAL HEALTH

.50 Credit (one semester course) Required class for graduation

This is a required course in the correct and incorrect functioning of the human body systems. In addition to detailed study of human Biology, the course deals with current health issues, disease prevention and treatment, and the latest advances of modern medicine. The course also emphasizes life skills and prevention in the study of health around such subjects as tobacco, alcohol, drugs, first aid, and both chronic and infectious disease. Hands-on learning supplements the study of basic anatomy.

SCIENCE

GENERAL PHYSICAL SCIENCE

1.00 Credit (one year course) Open to freshmen

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This is an introductory level science class in which an integrated approach will be used to cover topics in Physical Science and Earth and Space Science. Topics in this area will be strongly related to the everyday experiences of the students. Admission to this class is by counselor and/or teacher recommendation. Topics cover areas of Physical Science, such as a review of the metric system, the properties and structure of matter, classifying elements, compounds, physical and chemical changes, motion, work and machines, heat, sound and light, electricity and magnetism. Earth and Space Science topics include using maps, describing the earth, the earth and moon system, the solar system, stars and galaxies, the earth's atmosphere, weather and climate and forces in the earth.

PHYSICAL SCIENCE

1.00 Credit (one year course) Open to freshmen

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This is a freshmen level science class covering the Ohio Science Standards for the ninth grade. Topics are mostly in Physical Science plus some topics from Earth and Space Science. Topics in these areas will be strongly related to the everyday experiences of the students. Topics covered in Physical Science include: a review of the metric system, the properties and structure of matter, classifying elements, compounds, physical and chemical changes, motion, work and machines, heat, sound and light, electricity and magnetism. Earth and Space Science topics include: the earth and moon system, the solar system, stars and galaxies, the earth's atmosphere, weather and climate, and forces in the earth.

GENERAL BIOLOGY

1.00 Credit (one year course) Prerequisite: General Science or Science 9.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. General Biology is a second year high school science class which covers the grade 10 Ohio Science Standards. These standards stress content in the Biological Sciences and

in Earth and Space Science. Units covered in this course include: Cycles of Life, Chemistry at the Cellular Level, Cells, Energy Cycles, Respiration, Photosynthesis, Life Cycles of Cells and Reproduction, Heredity, Genetic Information Cycles, Evolution and Natural Selection, Speciation and Punctuated Equilibrium, Ecosystems, Weather and its effects, Types and Sources of Resources, and Recycling or Resources. The integrated approach to covering these topics is geared towards the life experiences and the overlap into other disciplines of science.

BIOLOGY

1.00 Credit (one year course) Prerequisite: Physical Science

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This course will stress an understanding of the relationship between living things and their environment. Students will learn the use and interpretation of the scientific method. A quarter of the course will consist of lab work. Lab work will be spent dissecting various animal specimens while studying classification. Areas stressed will be ecology and pollution, heredity, cell biology, human sexuality, behavior and human physiology, and the relationship between science and society. Interrelations between biology and other subjects will also be stressed. Dissection is required in this course

BIOLOGY HONORS

1.00 Credit (one year course) Open to freshmen and sophomores - Prerequisite: "A" in past science courses, and recommendation needed from science department faculty.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This course designed for advanced students, begins with an intensive study of the cell. Sections are covered dealing with genetics, microbiology, zoology, botany, and the human body. Interrelationships between organisms and their environment are stressed throughout. This is strictly a college preparatory course. Students will use the scientific method in solving problems and are required to form hypothesis and design experiments to test them. The relevance of science as a human endeavor, the effects of science/technology on society, and integration of science with other subjects will be stressed. Some dissection is required

ENVIRONMENTAL SCIENCE

1.00 Credit (one year course) Open to juniors and seniors

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This science course deals with the impact that humans have on the environment. It has an ecology background, and is laboratory-based. Students will be required to do field studies and data gathering outside of school. Areas to be covered include the earth, nature of science, ecological interactions, biomes, energy resources, land and water resources, and recycling studies. Students will study the impact they have on the environment and make changes and suggestions toward a more positive outcome. Forestry as well as animal and plant populations will also be covered. This is an enjoyable class but requires basic biological knowledge.

HUMAN PHYSIOLOGY-HONORS

1.00 Credit (one year course) Prerequisite: "B" in Biology, "B" in Chemistry, and teacher recommendation.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This course provides an intensive study of the physiology and anatomy of the human body. Every major system of the body is covered. Laboratory dissection of specimens is used to reinforce learning. This is a college preparatory course and is especially recommended for students interested in medically related fields.

AQUATIC BIOLOGY

.50 Credit (one semester course) Open to juniors and seniors - Prerequisite: "C" average or higher in General Biology.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. Students will explore the world of aquatic biology. The course will examine the biotic and abiotic factors dealing with freshwater ecosystems throughout the world. Rivers, lakes, ponds and wetlands will be studied. Students taking this course will be expected to conduct extensive field work studying local aquatic ecosystems.

MARINE BIOLOGY

.50 Credit (one semester course) Open to juniors and seniors - Prerequisite: "C" in General Biology.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. Students will examine all aspects of marine biology. The course will study the physical, chemical, and biological aspects of the worlds' oceans. Students will also examine how humans are affecting the marine ecosystems of the world.

GENERAL CHEMISTRY

1.00 Credit (one year course) Prerequisite: 1 science credit and "C" or better in Algebra I.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This is an interesting study of chemical phenomena and the causes of reactions. Fifty percent of class time is spent in laboratory work. Chemistry related to everyday life is stressed. Students learn the view point and the techniques of a chemist and how chemistry can help one in understanding the world.

Logic skills are developed through problem solving. Topics such as environmental and organic chemistry are covered as well as the analysis of many household materials. The course is modern, relevant, flexible, and fun.

CHEMISTRY I-HONORS

1.0 Credit (one year course) Open to sophomores, juniors and seniors by recommendation -

Enrollment is not guaranteed due to minimum enrollment criteria.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This course is designed for students previously enrolled in Biology honors and who have possible plans for a career in science. The most modern chemical concepts and theories are presented in a manner conducive to logic and reason. Laboratory experience provides the chemical background and evidence which is used in class discussion. Laboratory work illustrates classroom concepts with an emphasis placed on numerical involvement of experimental data. Chemistry will be related to industry and its importance relative to other sciences.

CHEMISTRY II-HONORS

.50 Credit (one semester course) Prerequisites: "B" or better in Chemistry I Honors, or by recommendation of General Chemistry teacher, plus two units of college prep math and presently enrolled in a math course. **Enrollment is not guaranteed due to minimum enrollment criteria**

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This Chemistry course includes a thorough review of Chemistry I theory and involves an extension of this theory to normal college level work in the classroom and laboratory. Some time is devoted to the operation of various instruments of analysis, such as PH meter, colorimeter, spectrometer, and the analytical balance. Emphasis is placed on analysis of mixtures and common consumer products. This course prepares students for college level work in the sciences and the A test in Chemistry.

PHYSICS

1.00 Credit (one year course) Prerequisites: Algebra I and one year of science.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This course is concept oriented, not heavily math-oriented. The course emphasizes how Physics relates to our daily lives and how important and useful Physics can be to everyone. Students learn how to work

with equipment and perform many experiments involving energy and matter. Various toys are studied for their physical concepts as well as lasers to highlight the study of light. The computer and graphing calculators are occasionally used in laboratory experiments and in learning concepts from the text.

PHYSICS-HONORS

1.00 Credit (one year course) Prerequisite: "B" in Algebra II, and currently enrolled in Pre-Calculus or Calculus.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This course offers a comprehensive quantitative study of matter and energy. The course includes the study of mechanics, heat, light, and sound. Much of the course is based on laboratory work. Experiments with the laser present great interest for students. This is a necessary course for all students planning careers in medicine, Engineering, Pharmacy, Veterinary medicine, and other scientific careers. The computer and graphing calculators will occasionally be used in laboratory experiments and in learning concepts from the text. Physics will be shown to be important in the study of all sciences.

ASTRONOMY

.50 Credit (one semester course) Open to juniors and seniors - Prerequisites: Algebra I, successful completion of at least two years of high school science (Physics preferred but not required), knowledge of web-based research procedures, and recommendation from science department faculty.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This is an introductory elective course. It serves as an introductory survey of the solar system, galaxy, and universe. Topics covered include: a historical background on the study of the heavens, a study of our sun/stars, our planetary system, a survey of the inner and outer planets, comets and comet research, asteroids and other solar system objects. If time permits we will also cover the structure of our galaxies and its relationship to the rest of the universe and its contents, and a history of manned space flight and exploration.

FORENSIC SCIENCE I

.50 Credit (one semester course) Open to juniors and seniors - Prerequisites: Algebra I, successful completion of at least two years of high school science, (with Chemistry as one of the two or three years), knowledge of web-based research procedures, and recommendation from science department faculty.

This course is inquiry-based. Students ask valid scientific questions and gather and analyze information. This is an introduction of Forensic Science presented in a single semester. Topics covered include actual cases that enable students to see the role of Forensic Science in criminal investigations. This course provides students with an introduction to forensic analysis and the proper procedures for collection and preservation of evidence at crime scenes. It also introduces students to the role of the probability in interpreting evidential significance of scientifically gathered evidence.

WEATHER AND CLIMATE HONORS – OWENS COMMUNITY COLLEGE CLW 105

(one semester course) Open to juniors and seniors – Prerequisites: Biology, Chemistry and teacher recommendation. This course will earn Honors credit.

This course introduces the study of climates, seasonal changes, weather, and its prediction.

This is a **Dual-Enrollment course** taught through Owens CC. Students will earn 1 high school science credit and **3 semester credit hours** through Owens CC.

SOCIAL STUDIES

Suggested sequence of courses:

Traditional Tract	Honors Tract
Grade 9 – Modern World History	Grade 9 – World Geography Honors
Grade 10 - United States History	Grade 10 - World History Honors/Electives/ Economics
Grade 11 – American Government	Grade 11 - AP U.S. History
Grade 12 – Electives /Economics	Grade 12 - AP Government

ADVANCED PLACEMENT EUROPEAN HISTORY

1.00 Credit (one year course) Open to juniors and seniors

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that have played a fundamental role in shaping the world in which they live. Without this knowledge, students may lack the context for understanding the development of contemporary institutions, the role of conflict and continuity in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop an understanding of some of the principal themes in modern European history, an ability to analyze historical evidence, and to express historical understanding in writing. **Students are required to take the National AP Exam in May. There is a fee for the exam**

ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS

1.00 Credit (one year course) NOTE: One credit of U.S. Government is required to graduate. Open to seniors –

Prerequisite: “B” or better in previous Social Studies course and/or teacher recommendation.

The AP course in United States Government and Politics provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. While there is no single approach that an AP United States Government and Politics course must follow, certain topics are generally covered in college courses. **Students are required to take the National AP Exam in May. There is a fee for the exam.**

ADVANCED PLACEMENT UNITED STATES HISTORY

1.00 Credit (one year course) Open to juniors; (sophomores by teacher recommendation) - NOTE: One credit of U.S. Government is required to graduate

- Prerequisite: Honors World History or teacher recommendation.

The AP program in United States history is designed to provide students with the analytical skills and factual knowledge necessary to critically deal with problems and materials as well as advanced college courses. This course makes demands upon student’s equivalent to those made by full-year introductory college courses.

Students will learn to assess historical materials, including their relevance, reliability and importance to a given interpretive problem, in order to weigh the evidence and interpretations presented in historical scholarship. As a result, this course will develop students’ skills necessary to arrive at conclusions on the basis of informed judgments- and to present reasons and evidence clearly and persuasively in essay format. **Students are required to take the National AP Exam in May. There is a fee for the exam.**

AMERICAN CIVIL WAR AND RECONSTRUCTION - Offered in odd numbered years (15-16, 17-18)

.50 Credit (one semester course) Open to sophomores, juniors, and seniors

The causes, course, campaigns, and consequences of the American Civil War, 1861-1865, will be explored. The course will examine the major political, economic, social, and intellectual impacts of the war on the United States.

AMERICAN GOVERNMENT/FINANCIAL LITERACY

1.00 Credit (one year course) – open to juniors and seniors NOTE: One credit of U.S. Government is required to graduate

This course will stress the theory and practice of the United States federal government. Emphasis will be placed on the structure and organization of the government. The Constitution, two party systems, three branches of government, and relevant economic theories and concepts will be dealt with in this course.

AMERICAN SOCIAL PROBLEMS

.50 Credit (one semester course) Open to sophomores, juniors, and seniors

This course will offer an in-depth study of current American social problems. Such topics as the pollution crisis, civil rights, crime, drugs, minority groups, poverty, and women's rights will be emphasized. Cooperative learning, reports, class participation, and various speakers will be the main activities

ECONOMICS

.50 Credit (one semester course) Open to all students

This one semester course will provide students with an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. Students will be introduced to the major characteristics of the mixed market economic system in the U.S. and how basic economic questions are answered. We will also briefly examine questions involving the United States as a part of the global economy.

MODERN WORLD HISTORY

1.00 Credit (one year course) Open to all students

In today's world, it is essential for students to develop an understanding of the events of the past in order to fully understand what is happening in the present. This course provides survey coverage of the history of our world from the Renaissance through the end of the 20th century. The course exposes students to the trends in the political, economic, social, intellectual history and arts. This course requires students to read, write, and think critically about the past.

MODERN WORLD HISTORY - HONORS

1.00 Credit (One Year Course) – Open to sophomores, juniors, and seniors with teacher recommendation.

This full year course is designed for students willing to commit to a class that will challenge their analytical thinking and writing skills. The purpose of World History is to develop a greater understanding of how geography along with cultural institutions and beliefs shape the evolution of human societies. The course covers world history from the Renaissance to the modern age. There is a large amount of reading and writing required in this course. It is imperative that students understand that he/she will be responsible for all reading and writing assignments throughout the year. Assignments for each unit may include historiography reviews, primary source reviews, document-based essay, and either a compare/contrast essay or a change-over-time essay. In addition, students complete chapter outline assignments and short answer analysis questions on readings. This course is highly recommended for students considering Advanced Placement U.S. History.

OHIO HISTORY

.50 Credit (one semester course) Open to all students

This course will focus on French, British, American and Native American conflict in gaining control of Ohio.

Students will study the movement toward statehood as well as the evolution of the political, economic, and cultural life from a rural setting to industrialization and urbanization. The course will cover the issues that have affected Ohio in the 20th century and the impact they will have on the future. The students will also examine Ohio's geographical location and the impact it has had on its development. There will be an emphasis on the role Ohio has played in our development as a nation. Field trips to local historical sites are included.

PSYCHOLOGY

.50 Credit (one semester course) Open to juniors & seniors: (sophomores with instructor approval)

The field of psychology is built on a foundation of critical thinking. Students of psychology will not only master content that will deal with the science of the mind and behavior, but will also learn and practice valuable thinking skills that will serve them later in life. Psychology students will be required to perform a variety of tasks including, but not limited to, discussion and debates, journal writing, reaction papers, writing abstracts and opinions, and examination of recreation of psychological experiments and phenomenon.

PSYCHOLOGY II

.50 Credit (one semester course) Open to all students who have passed Psychology I

This course will build upon, continue, and expand students' knowledge, understanding, and appreciation of the science of Psychology. The format of the course is essentially the same as the Psychology I course. The course will make use of discussion, debate, journal writing, reaction papers, examination of methods and techniques in the field of Psychology.

SPORTS IN AMERICAN HISTORY AND CULTURE - Offered in odd numbered years (15-16, 17-18)

.50 Credit (one semester course) Open to sophomores, juniors and seniors

This is a semester course that examines the role sports has played in American culture from early America to the present. Topics include the rise of various sports like baseball, boxing and football, the advent of professional sports, sports and social class, sports and gender, sports and race, including the desegregation of sports, changing concepts of fitness, doping scandals, fandom and the business of sports, and international sports and diplomacy.

THE 60's – TURBULENT TIME OF CHANGE IN AMERICA - Offered in even numbered years (16-17, 18-19)

.50 Credit (one semester course) Open to sophomores, juniors and seniors

This is a semester course that takes a detailed look at the era of social, political, and demographic change that still impacts American culture today. This class will specifically target the Vietnam War, the rise of the civil rights movement, E.R.A., changes in politics, music and the economy.

UNITED STATES HISTORY

1.00 Credit (one year course) Open to sophomores, juniors, and seniors. One credit of U.S. History is required for graduation. This course will explore the people, places and events of the United States history from 1877 until the present time. The course will also include an examination of important historical documents that have shaped our country today. These include the Declaration of Independence, the Constitution, the Federalist and Anti-federalist papers, and the Northwest Ordinance. Some of the topics included in the course are: Reconstruction, Industrialization, Reform Movements, Immigration, both World Wars, the Roaring Twenties, the Great Depression, the New Deal, the Cold War, and the social transformation of the post-Cold War era. There is an emphasis on the development of academic skills necessary for success in higher education, such as taking notes, writing essays, completing a term paper, and making an oral presentation.

WORLD GEOGRAPHY

1.00 Credit (one year course) Open to sophomores, juniors and seniors
Geography is the study of our physical environment and its impact upon our history and lifestyles. By studying the geography of the earth and its regions, the students of this course will better understand the nature of the world and events that take place. The first semester will introduce students to the themes of geography; location, place, movement, human environment interaction, and regions. Students will also concentrate on the United States, both physically and culturally. The second semester will introduce students to other countries and cultures worldwide. Students will complete and present a project highlighting a particular country of their choosing

WORLD GEOGRAPHY - HONORS

1.00 Credit (one year course) Open to freshmen who intend to pursue the Advanced Tract Social Studies
This course will focus on the cultural and physical geography of societies and regions throughout the world with an emphasis on its connection to current events and history. The first semester will introduce students to the themes of geography; location, place, movement, human environment interaction, and regions. Students will be required to analyze and apply this knowledge and present a class project. Students will also begin a study of the United States and Canada that will allow them to focus on the geographic influences within the various regions of North America. The second semester will include a survey of the physical and cultural geography throughout the rest of the world focusing on areas that are significant in current world events. Students will learn where places are located as well as their importance and influence world-wide. Readings, research, and projects will enhance the students understanding of their role, and the role of the United States as members of a global community.

WORLD WAR II AND ITS AFTERMATH - Offered in even numbered years (16-17, 18-19)

.50 Credit (semester course) Open to sophomores, juniors and seniors -
This course covers the causes, course, military campaigns, and consequences of World War II. The course will examine the major political, economic, and social impacts of the war on the United States.

STEM (Science, Technology, Engineering, Math)

STEM - .50 Credit (one semester course) Open to all students

In STEM students will work to foster problem solving, perseverance and creativity. Experiments and activities will be implemented that allow students to struggle, wonder and, at times, create objects that solve problems. The activities in which students engage require grit. The Engineering Design Process is the driving strategy behind many of the projects students will develop.