

ROCKPORT HIGH SCHOOL



Program of Studies 2018 – 2019

24 Jerden's Lane, Rockport, MA 01966

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TABLE OF CONTENTS

Letter to Parents and Students	2
Rockport High School’s Statement of Core Values, Beliefs and Expectations	3
Graduation Requirements	4
Course Requirements by Grade	5
Minimum Requirements for Promotion	6
Honors Courses	6
Criteria for Recommendations to Courses and Levels	6
Advanced Placement Courses	7
Semester Exams	8
Failure of Core Curriculum Courses	8
Summer School Credit	8
Home Schooling	9
Career & Guidance Information	9
General Requirements/Recommendations for Further Education	9
Early Graduation/Independent Study	10
U Block Advisory Period	10

COURSE DESCRIPTIONS

English	11
Dramatic Arts	16
Art	18
Music	22
World Language	25
Mathematics	31
Business & Design Technology	37
Science	39
Health and Physical Education	46
Social Studies	48
Guidance and Alternative Studies Options	54
Special Education	56

NON-DISCRIMINATION POLICY

“The Rockport Public Schools does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age or handicapped status in employment or in the provision of services.”

LETTER TO STUDENTS AND PARENTS

Dear Students and Parents/Guardians:

The 2018 - 2019 Catalog of Courses is designed to help guide the course selection process for next school year with an eye towards graduation. The decisions students make about the courses they take at Rockport High School will help shape their future success.

As you review the courses available, please do so carefully. Remember that while many courses are offered, only those chosen by students in significant numbers will be available. Therefore, it is critically important that you make your selections with the utmost thought and care. You are the first step in our development of a school-wide schedule. Your selections tell us what courses are important to your future.

The selection of courses is an eye-opening time for students and families. It is an opportunity for students and parents to talk about the steps needed to fulfill a student's life-long educational goals. We encourage you to use all of the resources available to make choices that are best for you. Please feel free to contact the teachers, guidance counselors, and school support personnel if you need help navigating this course catalog. We are all here to help you.

Finally, please be aware that beginning with the Class of 2016 the MassCORE requirements dictate that all students will take four years of English, four years of Mathematics, three years of Science, two years of Social Studies including one year of United States History, two years of the same World Language, Health/Physical Education and the equivalent of two year long elective classes. The only change for us at Rockport High School is the expansion of the world languages requirement to include two consecutive years of a world language. This additional requirement is effective for the Class of 2021 and beyond.

Best wishes for a successful academic year.

Sincerely,
Amy Rose
Principal
Rockport High School

Rockport Middle / High School Core Values and Beliefs

Rockport Middle/High School, in partnership with families and the community, provides a safe environment that fosters integrity, respect, and success. We promote intellectual curiosity and pride in achievement. We challenge all students to pursue academic excellence, develop interpersonal skills, and value civic responsibility. Students learn 21st Century skills in order to fully participate in a diverse and ever-changing world.

Expectations for Student Learning The Children of Rockport Schools will

Think critically and creatively

Communicate effectively

Respect self and others

Serve society responsibly

GRADUATION REQUIREMENTS

To graduate from Rockport High School, a student must take complete the following requirements:

Courses:

English	20 credits
Mathematics	20 credits (to include Algebra I, Geometry & Algebra II)
Science	18 credits (to include Biology)
Social Studies	20 credits (to include World History, U.S. History 10 & 11)
PE	5.00 credits including one quarter in grades 9-12
Health	2.5 credits
Technology	2.5 credits
Fine Arts	5 credits
World Languages	10 credits (same language) (Class of 2021 and beyond)
Electives	Approximately 20 credits
Total Credits:	120 credits

Community Service:

Each student is required to complete a minimum total of 50 supervised hours during their four years of high school.

Standardized Testing:

All students must Pass three MCAS Exams before graduation (Biology, ELA & Math).

COURSE REQUIREMENTS BY GRADE

All students will be expected to carry thirty-five (35) credits worth of coursework each year.

9TH GRADE

English	English 9	5.0 credits
Mathematics	as recommended	5.0 credits
Science	Biology	6.0 credits
Social Studies	World History	5.0 credits
World Language	Spanish or French	5.0 credits
Physical Education	Exercise/Sports/Wellness	1.25 credits
Health	Health	1.25 credits
Technology	Media Literacy	2.50 credits
Electives*		5 credits

***Electives include:** Art, Drama, Music or Technology

10TH GRADE

English	English 10	5.0 credits
Mathematics	as recommended	5.0 credits
Science	Chemistry	6.0 credits
Social Studies	U.S. History	5.0 credits
World Language	Spanish or French	5.0 credits
Physical Education	Exercise/Sports/Wellness	1.25 credits
Electives*		5-10 credits

***Electives include:** Art, Drama, Music, Health or Technology

11TH GRADE

English	English 11	5.0 credits
Mathematics	as recommended	5.0 credits
Science	Science elective	5.0 credits
Social Studies	U.S. History	5.0 credits
Physical Education	Exercise/Sports/Wellness	1.25 credits
Electives*		5-10 credits

***Electives include:** Art, Drama, Music, Health, World Language or Technology

12TH GRADE

English	English 12	5.0 credits
Mathematics	as recommended	5.0 credits
Science	Science elective	5.0 credits
Social Studies	Social Studies electives	5.0 credits
Physical Education	Exercise/Sports/Wellness	1.25 credits
Electives*		5-10 credits

***Electives include:** Art, Drama, Music, Health, World Language or Technology

MINIMUM CREDITS FOR PROMOTION (INCLUDING COMMUNITY SERVICE REQUIREMENTS)

The minimum credit guidelines/requirements and community service hours for entrance into grades 10, 11, 12 and graduation are as follows:

Into grade 10	Completion of 30 credits including core subjects and 15 hours of community service
Into grade 11	Completion of 60 credits including core subjects and 30 hours community service
Into grade 12	Completion of 90 credits including core subjects and 40 hours of community service
Graduation	Completion of 120 credits including core subjects and 50 hours of community service

HONORS COURSES

Honors courses are offered to students in the following disciplines: Biology, Chemistry, Physics, Anatomy & Physiology, World History, U.S. History, English grades 9-12, Calculus, Pre-Calculus, Algebra I, Geometry, Algebra II, Music, French IV and V, and Spanish IV and V. Students may elect to pursue honors courses beginning in the freshman year.

Honors level work involves the following:

1. Extensive reading
2. Intensive application
3. More analytical and creative assignments
4. Study to a greater depth of understanding
5. Greater individual commitment and responsibility

CRITERIA FOR RECOMMENDATIONS TO COURSES AND LEVELS

Rockport High School uses the following criteria when we recommend courses of study to students. We offer them to you so that you may understand what it is that affects our recommendations. The final decision making authority with regard to student's course of study is with the parent/guardian. We hope that these criteria will support your decisions.

HONORS AND ADVANCED PLACEMENT CLASSES

- Has a high interest in subject matter
- Demonstrates a consistent work ethic in the subject
- Capable of comfortably manipulating concepts in pre-requisite subject(s)
- Completes homework at a high level on a regular basis
- Works well under pressure
- Demonstrates success in the subject area

COLLEGE PREPARATORY CLASSES

- Maintains average grades in the subject area
- Works effectively within a typical heterogeneous classroom
- Recognizes when work is of lesser quality and moves to improve quality
- Has the ability to flourish within a typical classroom format
- Completes work with independence
- Shows progress and growth in the subject area

ADVANCED PLACEMENT COURSES

Advanced Placement courses are offered to students in Biology, Literature and Composition, U.S. History, Modern European History, Physics, Calculus, Statistics, Spanish, and French. These courses are rigorous, college-level classes that give students an opportunity to gain the skills and experience colleges recognize. Students who elect to pursue AP level courses are required to follow the international curriculum and take the AP exam in May.

TEACHER COURSE RECOMMENDATIONS AND COURSE OVERRIDES

In courses that are leveled, a student must receive a recommendation from their teacher for placement in an Honors or AP course. A student who is not recommended for an Honors or AP course may request an override of the teacher recommendation by completing the override process using the appropriate form (found on the guidance web site or available in the guidance office). Parents, students and teachers should engage in a conversation about the student's learning goals when considering an override of a teacher's recommendation.

SEMESTER EXAMS

Semester exams will be administered in January and June. These exams are considered an integral part of the education experience and development of students' capabilities. The content of the exams will reflect the course objectives covered during the semester. The results of the exams will affect the semester grade. A complete explanation of the format and schedule of the exams will be issued prior to each exam period.

FAILURE OF CORE CURRICULUM COURSES

Failure of course work puts students in jeopardy for not completing the overall requirements for graduation in a timely manner. Failure may also prevent students from pursuing other course work in the discipline and jeopardize grade promotion. For all of these reasons students are best advised to complete courses that they have failed in summer school immediately following the failure.

SUMMER SCHOOL CREDIT

Students who fail courses are expected to make up those courses in the summer school session immediately following that regular school year. Students must consult their Guidance Counselor before enrolling in summer school, as the guidance department must give prior approval of summer school courses. Summer school courses must meet RHS criteria.

The following are criteria regarding summer school and are strictly enforced:

1. Credit for summer school course work is granted only for courses previously taken and failed with a grade **no lower than 55%** during the regular school year.
2. Summer school grades are recorded on the transcript as Pass (P) or Fail (F) and are not counted toward overall GPA.

HOME SCHOOLING

Students and their parents/guardians who opt for homeschooling are expected to submit a formal curriculum and plan to the Superintendent's office for approval before undertaking any coursework. Such coursework will:

1. Be recorded on the student's permanent record and transcript with a HS (home schooled) designation.
2. Be recorded as a P (Pass) or F (Fail) grade.
3. Not be used to determine GPA.

CAREER & GUIDANCE INFORMATION

Career information and guidance services are available to every student. This information is located in the Guidance Office.

GENERAL REQUIREMENTS AND RECOMMENDATIONS FOR POST-SECONDARY EDUCATION

It should be noted that while the basic core requirements fulfill the graduation requirements from Rockport High School, many of the entrance requirements for post-secondary institutions require additional courses. Admission requirements vary between schools/colleges. Therefore, it is important that the specific entrance requirements for a particular school or college is researched. Knowledge of the entrance requirements is the student's responsibility.

The admissions standards for the state universities and UMass emphasize a strong academic high school background so that students enter college ready to learn. These standards represent minimum requirements; meeting them does not guarantee admission, since campus officials consider a wide range of factors in admissions decisions. Students shall have fulfilled all requirements for the high school diploma or its equivalent upon enrollment. It is important to note that admissions standards for the state's community colleges differ. Community colleges may admit any high school graduate or HiSET (GED) recipient.

EARLY GRADUATION

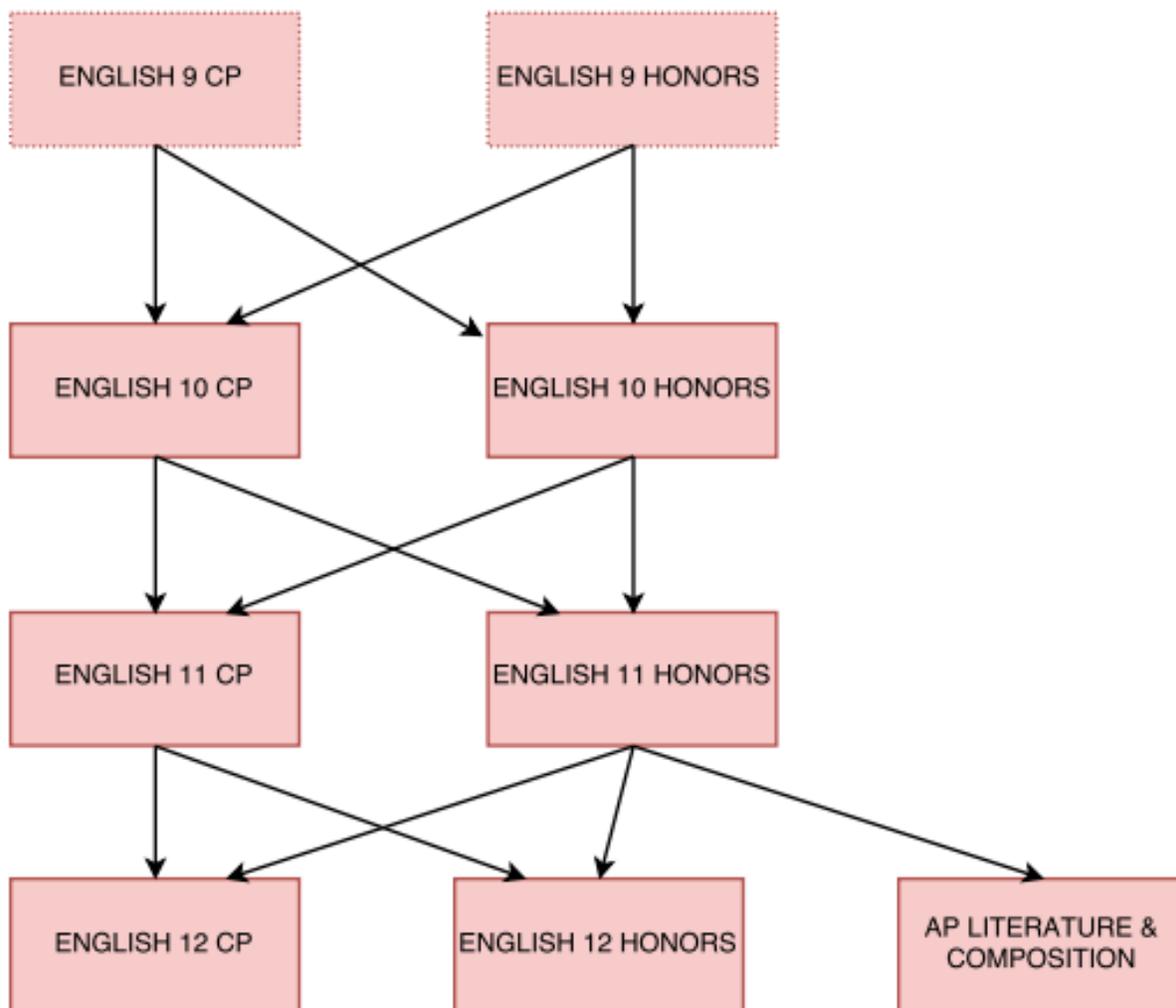
We strongly believe that four years of high school are appropriate for most students. Each of the four years add significantly to the maturing process and to the academic development of the individual. However, we recognize that graduating from high school early may best serve a limited number of students. Such students must satisfy all the graduation requirements. The student and parents/guardians must submit a written request for early graduation before the end of the sophomore year to the high school Principal.

In all cases of early graduation, students must have approval of their parents/guardians, the Principal, guidance counselor and appropriate faculty. Please see your student's Guidance Counselor for further details.

U BLOCK ADVISORY PERIOD FOR ALL STUDENTS

All students at Rockport High School will be assigned to a U block that will meet daily. The U Block will provide opportunities for all students to participate in study groups, teacher-led support times, enrichment and transitional groups along with other advisory-type programs. The time is designed to support students by creating structured ways to maximize learning through individualized support and enrichment. This block serves to cultivate a culture of curiosity by allowing students and teachers common time to explore areas of interest.

ENGLISH PATHWAYS



ENGLISH DEPARTMENT

The English Department strives to inspire students at all levels to a love of literature and a culture of learning. We believe that literary study can open all learners to awareness and acceptance of diversity as well as an appreciation of our shared culture. The process of writing enhances a student's critical thinking and ability to communicate effectively. The skills of reading and writing across all curricula and are an essential component to a student's future success. We offer a dynamic curriculum, which challenges students to reach their highest potential as thoughtful and competent adults.

GRADE 9: COMING OF AGE IN THE 21ST CENTURY

ENGLISH 9

31011 Full Year – College Prep

Grade 9

5 credits

What does it mean to come of age? How has coming of age changed over time? This course will survey four major genres of literature--fiction, memoir, poetry and drama--which will form the foundation for a year-long conversation around what it means to leave childhood behind. Daily class discussions will offer opportunities to practice using critical reading strategies, which students will be expected to use in formal essays with increasing independence over the course of the year. Writing instruction will emphasize organization and development of ideas, with additional instruction in grammar and vocabulary on a regular basis.

ENGLISH 9

31012 Full Year – Honors

Grade 9

5 credits

What does it mean to come of age? How has coming of age changed over time? This course will survey four major genres of literature--fiction, memoir, poetry and drama--which will form the foundation for a year-long conversation around what it means to leave childhood behind. Daily class discussions will offer opportunities to practice using critical reading strategies, which students will be expected to use in formal essays with increasing independence over the course of the year. Writing instruction will emphasize organization and development of ideas, with additional instruction in grammar and vocabulary on a regular basis. Honors students will read and respond to additional supplemental material in order to make thematic connections between a body of texts. Additionally, Honors students will be expected to practice critical thinking, reading, and writing skills independently, then revise and refine their interpretations of literature during class sessions and in formal writing assignments.

GRADE 10: FREE WILL & CAPITALISM

ENGLISH 10

31021 Full Year –College Prep

Grade 10

5 credits

This course has the thematic focus on the intersectionality of Free Will & Capitalism. The majority of texts and assignments will relate to exploring the course's main essential questions: (1) To what extent should one compromise their values and beliefs in order to live in society and pursue material wealth? (2) How does the amount of financial wealth a person has relate to

how self-actualized /authentic they can become?. This course will have a focus in the philosophy and movement of Transcendentalism in relation to these essential questions. The class will be writing intensive. We will write critical responses to the texts we read (I.E. thesis driven essays), as well as pursuing our own creative work.

ENGLISH 10
31022 Full Year – Honors

Grade 10
5 credits

This course has the thematic focus on the intersectionality of Free Will & Capitalism. The majority of texts and assignments will relate to exploring the course’s main essential questions: (1) To what extent should one compromise their values and beliefs in order to live in society and pursue material wealth? (2) How does the amount of financial wealth a person has relate to how self-actualized /authentic they can become? This course will have a focus in the philosophy and movement of Transcendentalism in relation to these essential questions. The class will be writing intensive. We will write critical responses to the texts we read (I.E. thesis driven essays), as well as pursuing our own creative work. Honors students will read and respond to additional material (e.g., literary criticism, historical context, and other interdisciplinary texts). Additionally, honors students will be expected to independently develop their own line of inquiry in relation to the curriculum texts and concepts - resulting in formal written arguments to reflect their research and position.

Admission to advanced study requires teacher recommendation and at least a B average in prior English course.

GRADE 11: STORYTELLING, SELF & SOCIETY

ENGLISH 11
31031 Full Year – College Prep

Grade 11
5 credits

Why do we tell stories? How have our stories evolved? How do the stories we tell impact us as individuals and as a society? These are some of the questions this course seeks to explore as students consider the interplay between literature and life. In these pursuits, students will read literary works of varied genres, time periods, and cultural backgrounds. Students will employ a variety of critical lenses to unpack the social and political commentaries of the works studied and consider their validity. Through a variety of activities and assignments, students will continue to refine their reading, writing, discussion, and thinking skills.

ENGLISH 11
31032 Full Year – Honors

Grade 11
5 credits

Why do we tell stories? How have our stories evolved? How do the stories we tell impact us as individuals and as a society? These are some of the questions this course seeks to explore as students consider the interplay between literature and life. In these pursuits, students will read literary works of varied genres, time periods, and cultural backgrounds. Students will employ a variety of critical lenses to unpack the social and political commentaries of the works studied and consider their validity. Through a variety of activities and assignments, students will continue to refine their reading, writing, discussion, and thinking skills. The honors course is a more rigorous version of the college preparatory curriculum. Subjects will be explored to greater depths, additional texts will be read, and assignments will be completed with greater independence and assessed with higher standards for quality.

**Admission to advanced study requires teacher recommendation and at least a B average in prior English course.*

GRADE 12: SELF & SOCIETY

ENGLISH 12
31041 Full Year - College Prep

Grade 12
5 credits

This course will take a close look at the relationship between the individual and society in a variety of literary works from Greek myth and Shakespearean drama to contemporary world fiction. Essential questions include what are the cultural, social, and historical forces that shape our identities? How can one person change society? When does society threaten individuality? What responsibilities do individuals have to the community? This course is designed to hone critical thinking and communication skills in preparation for college-level study and effective citizenship. Students can expect to build strong habits for reading and learning independently through regular discussion, collaboration, and both formal and informal writing assignments, including a research paper.

ENGLISH 12
31042 Full Year - Honors

Grade 12
5 credits

This course will take a close look at the relationship between the individual and society in a variety of literary works from Greek myth and Shakespearean drama to contemporary world fiction. Essential questions include what are the cultural, social, and historical forces that shape our identities? How can one person change society? When does society threaten individuality? What responsibilities do individuals have to the community? This course is designed to hone critical thinking and communication skills in preparation for college-level study and effective citizenship. Students can expect to build strong habits for reading and learning independently through regular discussion, collaboration, and both formal and informal writing assignments, including a research paper.

The Honors level course will demand more rigorous and extensive reading and writing assignments as well as greater independence and initiative in completing assignments than the English 12 CP level.

**Admission to advanced study courses requires teacher recommendation and at least a B average in prior English courses.*

LITERATURE and COMPOSITION
31053 Full Year –Advanced Placement

Grade 12
5 credits

The purpose of the AP course is to provide Grade 12 students with an opportunity to study literature and composition with the rigor of a college level course as well as to prepare for the Advanced Placement Examination in May. With a thematic focus similar to the English 12 course, students will read texts from a variety of genres and eras, representing primarily British and World literary traditions. Assignments rely on close reading and interpretation designed to appreciate the ways in which literary style and structure create meaning. Students will be asked to write in a variety of formats, from informal reading journal entries to formal analytical essays, and timed compositions. Assignments will demand significant commitments outside of class.

Placement is made in the senior year with permission of the English Department, a B average in previous English classes and with a holistically scored essay.

DRAMATIC ARTS

SPEECH AND DEBATE

31061 Semester – College Prep

Grades 10-12

2.5 credits

This course provides instruction and practice in the art of public speaking and debate. It aims to develop students' ability to think critically and creatively before effectively communicating those thoughts to others. Students will learn to make speeches to inform, persuade, and entertain on topics of their choice. Organization, research, logical argumentation, effective use of language will be addressed. Gaining control of volume, diction, inflection, pacing, facial expressiveness, body language and anxiety will also be at the center of this course.

INTRODUCTION TO ACTING AND STAGE TECHNIQUES

312191 Semester – College Prep

Grades 9-12

2.5 credits

Students will participate in a variety of exercises and theatre games that develop essential skills, such as observation, concentration, imagination, sense recall, emotional response, improvisation and confidence. Students will develop the vocal and corporal control necessary for frequent and varied performances. Vocabulary of the theatre will be covered. Emphasis will be placed on respecting self and others through frequent collaboration as well as self and peer performance critiques.

INTERMEDIATE ACTING AND STAGE TECHNIQUES

32211 Semester – College Prep

Grades 9-12

2.5 credits

Students will continue to develop the essential skills introduced in Introduction to Acting and Stage Techniques. Students will think critically and creatively about how to develop characters, interpret lines and find motivation for the vocal and physical choices made during performances. Auditioning and rehearsal processes will be studied and employed in class to give students authentic acting experiences.

***Prerequisite: Successful completion of Introduction to Acting and Stage Techniques.
Student may also gain access to this course with recommendation from the instructor.***

ADVANCED ACTING AND STAGE TECHNIQUES
32212 Semester - College Prep

Grades 9-12
2.5 credits

In this course, emphasis will be placed on creating realistic and believable characters through performance. To do so, students will learn how to use goals, obstacles, tactics and expectations to induce the “illusion of reality.” Student will also study theatre history and a variety of genres to better understand the context for their performance choices. Students will think critically and creatively and effectively communicate the reason for their performance choices as well as their effect on the audience.

Prerequisite: Successful completion of Introduction to Acting and Stage Techniques and Intermediate Acting and Stage Techniques. Student may also gain access to this course with recommendation from the instructor.

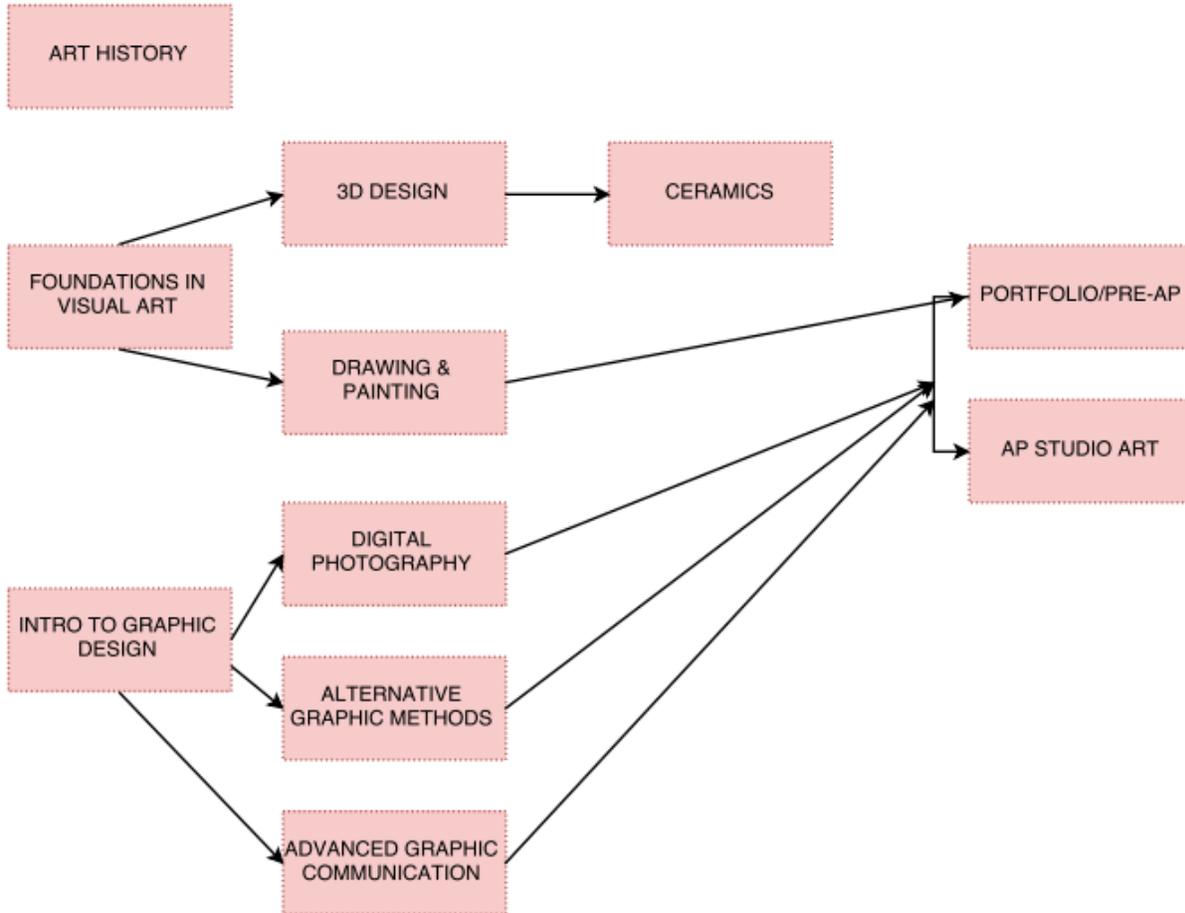
ENSEMBLE
32091 Semester – College Prep

Grades 9-12
2.5 credits

This class represents the culmination of all skills learned in previous acting studies. The goal is to allow students to experiment and participate in many areas of theatre – acting, directing, playwriting and technical design – through a variety of group and individual projects to further develop interpretive skills. This course is student-driven and project-based. All students will take part in an authentic performance task, by developing and mounting a one-act production.

Prerequisite: Successful completion of Introduction to Acting and Stage Techniques, Intermediate Acting and Stage Techniques and Advanced Acting and Stage Techniques or with recommendation from the instructor

ART PATHWAYS



FOUNDATIONS IN VISUAL ART **32011 Semester – College Prep**

Grades 9-12
2.5 credits

This course provides instruction in the essential fundamentals of drawing and composition through the application of the elements and principles of design as well an introduction to art history and art analysis. Students in the class will be introduced to the other media courses the visual art department offers and learn about formal and expressive aspects while experiencing a variety of styles and subject matter. Students will have the opportunity to develop creativity, non-verbal communication, and personal artistic skills. This course is a prerequisite for both Advanced Drawing & Painting and Portfolio.

DRAWING AND PAINTING
32041 Semester – College Prep

Grades 9-12
2.5 credits

This course allows students to develop a greater command of two-dimensional technical skills, various two-dimensional media, and advanced vocabulary, while pursuing more thematic depth and complexity, and a wider range of creative responses in their work. Students continue to develop their linear and tonal drawing skills. They also continue to develop their color knowledge and painting skills. The emphasis is on the development of work that could be included in their portfolios in preparation for Pre-AP/Visual Art Portfolio and AP Studio Art.

Prerequisite: Foundations in Visual Art

THREE DIMENSIONAL (3D) DESIGN
32051 Semester – College Prep

Grades 9-12
2.5 credits

This course is a technical and aesthetic exploration of three-dimensional design. A variety of mediums will be explored and expanded on, which may include book arts, ceramics, paper sculpture, plaster gauze sculpture, etc. Students will participate in a wide range of experiences using additive or subtractive sculptural techniques designed to build artistic and creative confidence. The emphasis is on the development of work that could be included in their portfolios in preparation for Pre-AP/Visual Art Portfolio and AP Studio Art.

Prerequisite: Foundations in Visual Art

INTRODUCTION TO GRAPHIC DESIGN
32021 Semester – College Prep

Grades 9-12
2.5 credits

This course is an introduction to visual principles as the basis of graphic design communication and elements/issues of visual language. It covers the manipulation of graphic form to convey meaning, strategies for idea generation and development of unique concepts, and the designer's role as visual storyteller. Moreover, this course will explore the formal elements of design including composition, color, texture, and shape in the form of applied visual problem-solving exercises in which typography and meaningful concept are added in order to shape the work into effective graphic design communications. This course is a pre-requisite for Advanced Graphic Communication.

ADVANCED GRAPHIC COMMUNICATION
32031 Semester - College Prep

Grades 9-12
2.5 credits

In this course students will develop their abilities to think visually and think creatively to solve design challenges. Students will increase their visual literacy to better “read” visual information and better manipulate the visual language to communicate ideas. Studio assignments will range from theoretical exercises to practical designs for “clients” in the community. Students will use both traditional art-making materials and computers as tools to create their work. This course offers opportunities for students to create portfolio- caliber work – that is, work that demonstrates artistic skill, intellectual rigor, and investment of self.

Prerequisite: Introduction to Graphic Design

ART HISTORY
32081 Semester – College Prep

Grades 9-12
2.5 credits

An introductory course in art history: an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. Students examine major forms of artistic expression from the past and the present from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to analyze what they see. This course incorporates research, extensive reading, and analytical writing.

DIGITAL PHOTOGRAPHY
32071 Semester –College Prep

Grades 9-12
2.5 credits

This course will introduces students to the Elements of Art and Principles of Design needed for creating photographs: including basic layout and design, color theory, shape, form, and composition. This course will familiarize the student with digital photographic equipment, software, materials, and methods through hands-on practice. Students will be exposed to the history of photography and photographers by studying and emulating a variety of photographic styles. Students should have completed at least Introduction to Graphic Design.

Prerequisite: Intro to Graphic Design or with prior permission from the instructor.

ALTERNATIVE GRAPHIC METHODS
32061 Semester – College Prep

Grades 9-12
2.5 credits

This course challenges students to address unusual design problems through conceptual and artistic innovation. Alternative uses of new media and traditional techniques are explored. Various tools, materials and methods of production and design are covered and applied through projects and assignments to develop effective results. Students investigate, learn and apply fabrication and design strategies with both traditional and alternative materials and processes.
Prerequisite: Intro to Graphic Design or with prior permission from the instructor

VISUAL ART PORTFOLIO/PRE-AP STUDIO ART
32093 Full Year –Honors

Grades 11, 12
5.0 credits

This course delves into how an image is created, using thematic and/or conceptual ideas as the basis for composing finished pieces of art. Students begin with existing sketchbooks, images, and ideas as a starting point, and as fuel for further developing new images and drawings based on a purposeful theme, idea, or concept. Emphasis is on thinking critically about how to convey via visual imagery, problem-solving ideas from beginning to end, analyzing the efficacy of developed images (self as well as peers), and developing a repertoire of visual thinking techniques. Numerous images are generated, collected, sketched, drawn, re-drawn, or found, all for the purpose of developing collages that combine images with other wet and dry art media. A hands-on, exploratory and process-oriented course, students are guided to develop a cohesive body of work.

Prerequisite: Introduction to Graphic Design and Intermediate Graphic Design OR Foundations of Art and Drawing & Painting and/or 3D

AP STUDIO ART
32193 Full Year – Advanced Placement

Grades 11-12
5.0 credits

The AP Studio Art course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3-D Design and Drawing — corresponding to the most common college foundation courses. AP Studio Art sets a national standard for performance in the visual arts that contributes to the significant role the arts play in academic environments. Each year the thousands of portfolios that are submitted in AP Studio Art are reviewed by college, university and secondary school art instructors using rigorous standards. This College Board program provides the only national standard for performance in the visual arts that allows students to earn college credit and/or advanced placement while still in high school.

Prerequisite: Visual Art Portfolio / Pre-AP Studio Art

MUSIC DEPARTMENT

CHORUS

32101 Full Year –College Prep

Grades 9-12

Credits vary

Go from humming to the radio to singing in a full chorus! If singing is your thing, if singing is your escape, if you've ever sung karaoke, Chorus is the class for you. If you are searching for a group of talented, engaged and patient people who sing, you will do well to join our chorus. Don't think you can carry a tune in a bucket? Well I promise you - you're wrong! Vocal sound is made by the natural human instrument that EVERYBODY has. Classical, Jazz, Folk, Pop, YOU name it! Find your voice with our musical family! Attendance at three choral concerts is required.

CHORUS

32122 Full Year – Honors

Grades 9-12

Credits Vary

Open to all chorus members who want to do that "little extra". Honors Chorus members will fulfill all requirements of CHORUS. In addition, Honors students will choose to complete two items from a long list of vocal opportunities including private voice lessons, performance in a school vocal after-school ensemble, mentoring younger choristers, auditioning for Districts, participating in high school musical, composing a choral song, conducting class, internship at Rockport Music, service study in music department, to name a few.

MADRIGAL (A CAPPELLA) CHOIR

32111 Full Year – Honors

Grades9-12

Credits Vary

A Cappella Choir is an honors class by audition consisting of a select group of no more than 16 students who are dedicated to learning and performing *a cappella* choral music. The repertoire will include jazz, pop, madrigals, show tunes, and sacred selections. Learning the nuances of using a mic is paramount to singing a cappella music. Choir members should expect to perform at least two to four times per semester. Also required is a weekly sectional and attendance at all choral concerts.

Enrollment in CHORUS or Independent Study CHORUS is required.

SYMPHONIC BAND
32141 Full Year – College Prep

Grades 9-12
Credits Vary

Members will play instrumental music composed in a variety of styles for brass, woodwind and percussion instruments. Any interested High School student may join Symphonic Band. Students without music reading experience must meet with the Director prior to joining. Music lessons are strongly suggested for all musicians. Regular weekly sectionals in school during U block periods and attendance at all band performances are required.

Prerequisite: Meeting with Director or proficiency on a wind, brass or percussion instrument.

SYMPHONIC BAND
32132 Full Year – Honors

Grades 9-12
Credits Vary

Open to all members, Honors Band members will meet the same requirements of Symphonic Band. Additionally, Honors students will complete two projects. The first project will cover the fundamentals of conducting culminating in a timed lesson in front of the Syphonic Band. The second project will cover the fundamentals of Marching Band with Honors students being prepared to lead the High School and Middle School Marching Bands as Drum Majors. Regular weekly sectionals in school during U block periods and attendance at all band performances are required.

Prerequisite: For freshman and new-interested members a meeting with the Director is required. Students previously in Honors Band may enroll without meeting.

JAZZ ENSEMBLE I
32151 Full Year – Honors

Grades 9-12
Credits Vary

Jazz Ensemble I members will perform a wide variety of styles including jazz swing, Latin, rock, pop, ballad, fusion, funk and more. All Jazz Ensemble members must also be in Symphonic Band, Chorus, or Orchestra. Jazz Ensemble I members are expected to perform and practice at the highest level as the class includes extra performances and competitions not offered in Symphonic Band. Music lessons are strongly suggested for all musicians. Attendance at all performances and competitions is required.

Music is handed out for all interested participants at the end of the school year for placement the following fall. (This is not a try-out piece; it is a placement piece – 1st Trumpet, 2nd Trumpet, etc.). New Members should see the Director for placement piece.

MUSIC THEORY
32202 Full Year – College Prep

Grades 9-12
Credits Vary

Music Theory will introduce and develop a student's skills in music fundamentals, music notations, melodic and harmonic dictation, music history, composition, and rhythmic dictation. While enrollment in the music department is not required it is strongly recommended as students will be able to directly apply the skills and lessons learned in Music Theory to one of the many high caliber performing ensembles offered at Rockport High School.

JAZZ ENSEMBLE II
32201 Full Year – College Prep

Grades 9-12
Credits Vary

Jazz Ensemble II members will perform a wide variety of styles including jazz swing, Latin, rock, pop, ballad, fusion, funk and more. All members must also be in Symphonic Band, Chorus or Orchestra. Jazz Ensemble II members are expected to perform and practice at a high level as the class includes extra performances and competitions not offered in Symphonic Band. Music lessons are strongly suggested for all musicians. Attendance at all performances is required.

Music is handed out for all interested participants at the end of the school year for placement the following fall. (This is not a try-out piece; it is a placement piece – 1st Trumpet, 2nd Trumpet, etc.). New Members should see the Director for placement piece.

ORCHESTRA
32171 Full Year – College Prep

Grades 9-12
Credits Vary

Orchestra members will play music composed in a variety of styles primarily for string instruments, though collaborations with wind players, percussionists, and vocalists are likely. Students without music reading experience must meet with the director prior to joining. Private lessons are strongly suggested for all musicians. Regular weekly practice and attendance at all orchestra performances is required, as well as regular meetings during U blocks.

Prerequisite: Meeting with the director or proficiency on a stringed instrument.

ORCHESTRA
32182 Full Year - Honors

Grades 9-12
Credits Vary

Open to all orchestra members, Honors Orchestra students will meet the same requirements as Orchestra. Additionally, Honors students will be required to attend one weekly group workshop after school for 45 minutes, complete extra projects, and complete more rigorous

practice assignments. Regular weekly practice and attendance at all Orchestra performances is required, as well as regular meetings during U blocks.

Prerequisite: *For freshman and new members, a meeting with the director is required. Students previously in Honors Orchestra may enroll without meeting.*

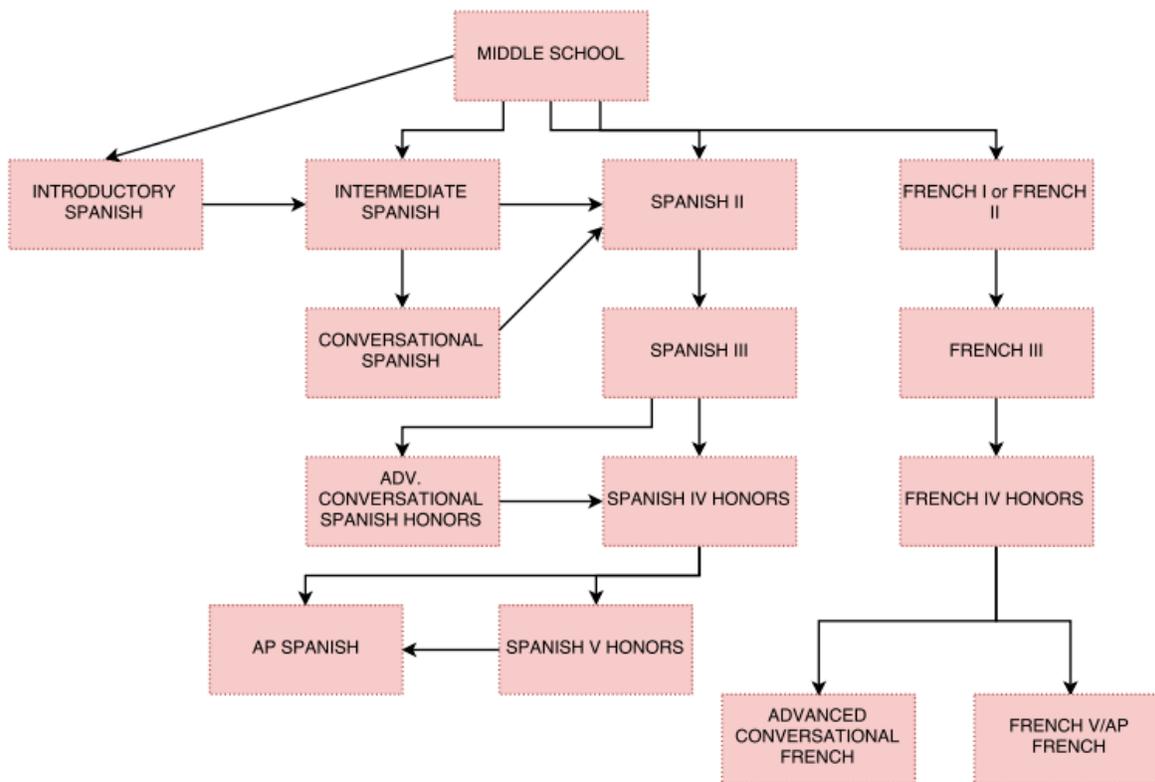
CHAMBER MUSIC
32161 Full Year – College Prep

Grades 9-12
Credits Vary

This course is open to musicians interested in performing in small ensembles. Wind and percussion players must also be in Concert Band, string players must also be in Orchestra, and singers must also be in chorus. Attendance at all performances is required. Students should expect to perform at least two to three times per semester.

Students interested in chamber music must discuss membership and scheduling with the director. Depending on scheduling options, classes may take place during school or directly after school.

WORLD LANGUAGES PATHWAYS



WORLD LANGUAGES DEPARTMENT

INTRODUCTORY SPANISH

39081 Full Year – College Prep

Grades 9,10

5.0 credits

The purpose of this course is to provide students with a foundation in basic vocabulary and grammar on which the subsequent courses will build. Students will practice basic skills of speaking, listening, reading and writing in the present tense with an emphasis upon correct oral and written expression and aural comprehension. Topics will include formulating questions and answers; gender/number agreement tenses and today/tomorrow concepts. Students are also introduced to various aspects of Hispanic culture in Latin American countries and in Spain as illustrated in the text, videos and presentations, which may include historical, social and cultural topics.

Prerequisite: No previous Spanish or recommendation of the instructor.

INTERMEDIATE SPANISH

39081 Full Year – College Prep

Grades 9,10

5.0 credits

The purpose of this course is to prepare students for entry into Spanish 2 by completing the study of basic grammar and vocabulary of the Spanish language. Students will practice basic skills of speaking, listening, reading and writing in the present tense with an emphasis upon correct oral and written expression and aural comprehension. Topics will include present and preterite tense of irregular verbs, possessives, comparison of adjectives, object pronouns and selected vocabulary. Students will continue introduction to various aspects of Hispanic culture in Latin American countries and in Spain as illustrated in the text, videos and presentations, which may include historical, social and cultural topics.

Prerequisite: Successful completion of 7th and 8th grade Spanish or Introductory Spanish with recommendation of the instructor.

CONVERSATIONAL SPANISH

39141 Full Year – College Prep

Grades 9-11

5.0 credits

Students will practice high-frequency phrases for practical everyday communication in Spanish. Isolated groups of vocabulary and phrases will be shared for mastery. Emphasis is on basic interpersonal communication and listening comprehension rather than complex grammatical structures. Students may be introduced to aspects of Hispanic culture illustrated through videos and presentations, which may include historical, social and cultural topics.

Prerequisite: Successful completion of Intermediate Spanish with recommendation of the instructor. Not open to students that have taken Spanish III or above.

SPANISH II
39091 Full Year – College Prep

Grades 9-11
5.0 credits

The purpose of this course is to enrich the student’s knowledge of the vocabulary and grammar of the Spanish language, which is essential to maintaining basic daily conversations. It involves more complex grammatical forms and basic skills of speaking, listening, reading and writing with an emphasis upon correct oral and written expression and aural comprehension. Upon successful completion, a student would be able to converse about activities in occurrences in the past, present or future. Students also examine aspects of Hispanic culture in Latin American countries and in Spain as illustrated in the text and through videos and presentations, which may include historical, social and cultural topics.

Prerequisite: Intermediate Spanish with a B- or better or proficiency exam with recommendation of the instructor.

SPANISH III
39101 Full Year – College Prep

Grades 10-12
5.0 credits

The purpose of this course is to expand on the grammar and language skills acquired in the prior years of language study, applying this grammar to more complex thematic contexts. Topics will include the future and comparatives and superlatives, with a particular emphasis on the present subjunctive as well as the imperative. The following areas of vocabulary are also included: food, diversions, family and relationships, and careers and professions. Students will conclude the study of aspects of Hispanic culture in Latin American countries and in Spain as illustrated in the text and through videos and presentations, which may include historical, social and cultural topics.

Prerequisite: Spanish II with a B- or better or proficiency exam with recommendation of the instructor.

ADVANCED CONVERSATIONAL SPANISH
39151 Full Year – Honors

Grades 10-12
5.0 credits

The purpose of this course is to provide an opportunity for students to develop a sophisticated level of proficiency in spoken Spanish. Students will further their studies of idiomatic expressions and incorporate them into everyday communication. This course will deepen students’ understanding of Hispanic societies and their relationship to global issues and themes. Emphasis will be on interpersonal communication and listening comprehension rather than complex grammatical structures. Students will pursue an in depth study of culture demonstrated through individual presentations, and may include historical, social and political topics.

Prerequisite: Successful completion of Spanish III or proficiency exam with recommendation of the instructor.

SPANISH IV
39112 Full Year – Honors

Grades 10-12
5.0 credits

The purpose of this course is to revisit the elements of grammar introduced in previous years. Topics will include a completion of the study of the subjunctive, conditional and perfect tenses and selected vocabulary regarding travel, the house, technology, careers and business. Students will continue with the study of cultural and historical themes more in depth and with more personal involvement through readings, videos and class discussion in the target language emphasizing topics relating to modern society in the Spanish speaking world.

Prerequisite: Spanish III with a B- or better or proficiency exam with recommendation of the instructor.

SPANISH V
39122 Full Year - Honors

Grades 11, 12
5.0 credits

The purpose of this course is to provide an opportunity for students to develop a high level proficiency in written and spoken Spanish. Students will use the basic text as a springboard for discussion and research on a variety of topics. They will review the major points of grammar throughout the course. They will also study in depth the literature, art, music and culture of the Hispanic World.

Prerequisite: Spanish IV with a B or better or proficiency exam with recommendation of the instructor.

AP SPANISH
39133 Full Year – Advanced Placement

Grades 11, 12
5.0 credits

The purpose of this course is to prepare students to take the Advanced Placement Exam in the spring. Students will undergo a thorough review of Spanish grammar with an introduction to the more complex idiosyncrasies of the language. They will be provided with a survey of Hispanic history and literature to assist them with the narrative portions of the exam. Special mention will be made from time to time of items of grammar and vocabulary that tend to appear in exam questions. Students will be given drill exercises on each section of the exam and will take practice exams.

Prerequisite: Spanish IV with a B or better or proficiency exam with recommendation of the instructor.

FRENCH I
39011 Full Year – College Prep

Grades 9,10
5.0 credits

The purpose of this course is to prepare the students for entry into French II by completing the study of basic grammar and vocabulary of the French language begun in the High School or Middle School. Topics will include subject pronouns, present tense of regular and irregular verbs, possessives, comparison of adjectives, and selected vocabulary. Students will explore the life, culture and geography of the French-speaking world.

Prerequisite: No previous French or recommendation of the instructor.

FRENCH II
39021 Full Year – College Prep

Grades 9,10
5.0 credits

The purpose of this course is to build on the introduction to basic grammar received in French I. Upon successful completion, a student should be able to converse about activities in the past, present, near future and imperative. Topics will include demonstrative and interrogative adjectives, the passé composé of regular and irregular verbs with both avoir and être. Students will learn to speak and understand simple French conversation and to read and write simple selections. Students will explore French life, culture, geography and contemporary Franco-American relations.

Prerequisite: 8th grade French or French I with a B- or better or proficiency exam with recommendation of the instructor.

FRENCH III
39031 Full Year – College Prep

Grades 10-12
5.0 credits

The purpose of this course is to develop strong communication skills both written and oral, to acquire new vocabulary and familiarity with the essential grammatical structures of language. Upon successful completion, a student should be able to converse about activities in the present, past and imperative, use direct and indirect object pronouns and reflexive verbs. Topics will include French life, culture, geography and contemporary Franco-American relations as well as art and literature.

Prerequisite: French II with a B- or better or proficiency exam with recommendation of the instructor.

FRENCH IV
39042 Full Year - Honors

Grades 11, 12
5.0 credits

The purpose of this course is to revisit elements of grammar introduced in previous years and to complete the initial study of all elements of French grammar. Topics will include comparatives and superlatives of adjectives and pronouns, the future and subjunctive of regular and irregular verbs, the conditional and Si clauses. Students will take ownership of a more in depth study of culture and will be reading edited works from selected French authors, which will serve as a basis for classroom discussion and compositions.

Prerequisite: French III with a B- or better or proficiency exam with recommendation of the instructor.

ADVANCED CONVERSATIONAL FRENCH
39043 Full Year – Honors

Grades 11, 12
5.0 credits

The purpose of this course is to provide an opportunity for students to develop a sophisticated level of proficiency in spoken French. Students will further their studies of idiomatic expressions and incorporate them into everyday communication. This course will deepen students' understanding of Francophone societies and their relationship to global issues and themes. Emphasis will be on interpersonal communication and listening comprehension rather than complex grammatical structures. Students will pursue an in depth study of Francophone culture demonstrated through individual presentations, and may include historical, social and political topics.

Prerequisite: Successful completion of French IV or proficiency exam with recommendation of the instructor.

FRENCH V
39052 Full Year – Honors

Grades 11, 12
5.0 credits

The purpose of this course is to provide an opportunity for students to develop a high level of proficiency in written and spoken French. Students will use the basic text as a springboard for discussion and research on a variety of topics. They will review the major points of grammar throughout the course. They will also study in depth the literature, art, music and culture of the French World.

Prerequisite: French IV with a B or better or proficiency exam with recommendation of the instructor.

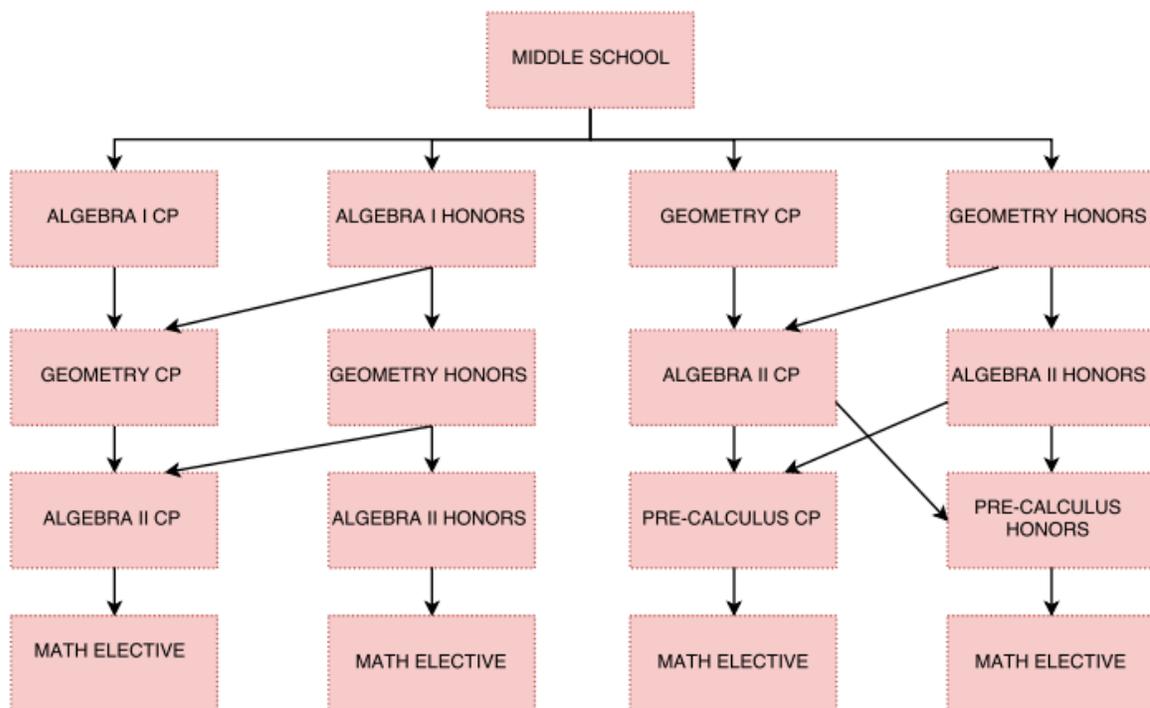
ADVANCED PLACEMENT FRENCH
39063 Full Year – Advanced Placement

Grades 11, 12
5.0 credits

The purpose of this course is to prepare students to take the Advanced Placement Exam in the spring. Students will undergo a thorough review of French grammar with an introduction to the more complex idiosyncrasies of the language. They will be provided with a survey of French history and literature to assist them with the narrative portions of the exam. Special mention will be made from time to time of items of grammar and vocabulary that tend to appear in exam questions. Students will be given drill exercises on each section of the exam and will take practice exams.

Prerequisite: French IV with a B or better or proficiency exam with recommendation of the instructor.

MATHEMATICS PATHWAYS



MATH ELECTIVES INCLUDE (SEE COURSE CATALOG FOR PRE-REQUISITES):
 Statistics & Data Analysis, AP Statistics, Pre-Calculus, Calculus (H), AP Calculus, Topics in College Algebra, Topics in Statistics & Probability, Game Theory in Math & Creative Problem Solving in Math
**Students planning to attend a 4-year college are recommended to take Pre-Calculus*

MATHEMATICS DEPARTMENT

The Mathematics Department recognizes that understanding of mathematics is essential, regardless of the individual student's career or educational aspirations. Emphasis throughout the curriculum on improving students' understanding of mathematics by enhancing their ability to recognize and integrate the patterns and structure of mathematics as a whole rather than viewing the subject as a collection of unrelated topics. Students will progress sequentially through the curriculum and are evaluated for class placement on the basis of ability, mastery of prerequisite skills and, in some cases, grades earned in prerequisite courses.

For any of the following mathematics courses that are designated as “HONORS” or “ADVANCED PLACEMENT”, please refer to the course REQUIREMENTS and the CRITERIA FOR RECOMMENDATIONS TO COURSES AND LEVELS regarding these designations in the previous sections of this catalogue.

Utilization of calculators, which contain appropriate functions, will be required in all courses.

ALGEBRA I

35011 Full Year – College Prep

Grade 9

5.0 credits

The purpose of this course is to provide the foundational techniques required for advanced courses in math. Topics include order of operations, fractions, solving one-variable equations and inequalities, graphing linear equations, systems of equations, factoring quadratics, properties of quadratic equations, exponents, radicals, and word problems.

ALGEBRA I

35012 Full Year – Honors

Grade 9

5.0 credits

The purpose of this course is to provide the foundational techniques required for advanced courses in math. Topics include order of operations, fractions, solving one-variable equations and inequalities, graphing linear equations, systems of equations, factoring quadratics, properties of quadratic equations, exponents, radicals, and word problems. Students electing to take the Algebra I Honors course will be responsible for extra work and projects, and the material will be treated in greater depth and complexity than it is in the CP1 course.

Prerequisite: Recommendation from 8th grade teacher or equivalent display of proficiency in all pre-algebraic concepts

GEOMETRY
35021 Full Year – College Prep

Grades 9, 10
5.0 credits

The purpose of this course is to study the elements in plane geometry. The students will learn to identify geometric shapes and the ways to measure all of the parts of these figures. Topics include congruence, similarity, parallel lines, right triangle trigonometry, polygons, and circles.

Prerequisite: Successful completion of Algebra I to include a recommendation from the 8th grade math teacher for freshmen.

GEOMETRY
35022 Full Year – Honors

Grades 9, 10
5.0 credits

The purpose of this course is to investigate the traditional elements in plane geometry. The advanced course includes extensive work with formal geometric proofs. Topics include congruence, similarity, parallel lines, right triangle trigonometry, polygons, and circles.

Prerequisites: Recommendation from Algebra I teacher with a B average or better in the course or successful completion of Honors Algebra I.

ALGEBRA II
35031 Full year – College Prep

Grades 10, 11
5.0 credits

This course includes review and further development of the key topics from Algebra I (linear equations and functions, systems of equations, quadratic equations, exponents, and factoring). Topics include linear, rational, radical, quadratic and polynomial equations and functions, irrational and complex numbers, and exponential and logarithmic functions.

Prerequisite: Successful completion of Algebra I and/or Geometry.

ALGEBRA II
35032 Full Year – Honors

Grades 10, 11
5.0 credits

This course provides a rigorous presentation of topics in a traditional Algebra II curriculum, with emphasis on developing a strong conceptual understanding of these topics, as well as facility with the associated problem-solving skills, this course prepares the student for the more advanced pre-calculus topics. Topics include linear, rational, radical, quadratic and polynomial equations and functions, irrational and complex numbers, and exponential and logarithmic functions.

Prerequisite: Recommendation from Algebra I and/or Geometry teacher with a B average or better in the course or successful completion of Honors Algebra I and/or Geometry.

PRE-CALCULUS
35053 Full Year – College Prep

Grades 11, 12
5.0 credits

This course is intended as a preparation for further study in math at the college level. Topics include a review of advanced topics in algebra and a comprehensive presentation of topics in trigonometry, rational functions, logarithms and exponents, and graphing functions. An appreciation of various types of mathematical functions, function operations, and their transformations is emphasized throughout the course.

Prerequisite: Successful completion of Algebra II.

PRE-CALCULUS
35054 Full Year - Honors

Grades 11, 12
5.0 credits

This course is designed to provide the student with a thorough preparation for calculus. Topics include a review of advanced topics in algebra and a comprehensive presentation of linear, quadratic, exponential, logarithmic, polynomial, and rational functions, and trigonometry. A functional approach is emphasized throughout the course.

Prerequisite: Recommendation from Algebra II teacher with a B average or better in the course or successful completion of Honors Algebra II.

STATISTICS & DATA ANALYSIS
35061 Full Year – College Prep

Grades 11, 12
5.0 credits

This course involves techniques for both quantitative and qualitative data analysis. Topics will include exploring data, the construction and interpretation of graphical displays; measures of center and spread, probability, and the normal curve. Students will be required to complete projects that require planning, data collection, and the development of report formats. Utilization of a calculator that contains the basic statistical functions will be required.

Prerequisite: For Juniors or Seniors ONLY and successful completion of Algebra I.

AP STATISTICS
35073 Full Year – Advanced Placement

Grades 11, 12
5.0 credits

The intent of this course is to give a comprehensive understanding of statistics typical of an introductory college course, as well as to prepare for the Advanced Placement Exam in the spring. This course involves techniques for both quantitative and qualitative data analysis. Topics will include exploring univariate and bivariate data, construction and interpretation of

graphical displays, measures of center and spread, experimental and sampling design, probability, binomial and normal distributions, sampling distributions and statistical inference. Students will be required to have a calculator comparable to a TI-83 or better.

Prerequisite: By teacher recommendation ONLY.

CALCULUS

Grades 11, 12

35081 Full Year – Honors

5.0 credits

This course includes some of the topics covered in a first-year calculus curriculum. It is designed for those students who have shown exceptional motivation and ability in mathematics. Students will be introduced to differential calculus and integral calculus.

Prerequisite: Recommendation from Precalculus teacher with a B average or better in the course.

AP CALCULUS

Grade 12

35093 Full Year – Advanced Placement

5.0 credits

This course may include all the topics covered in a college first-year calculus course, and it is designed for those students who have shown exceptional motivation and ability in mathematics. Students will be required to investigate and learn limit theory, differential calculus, and integral calculus. This course will prepare students for the Advanced Placement Calculus exam in their senior year.

Prerequisite: By teacher recommendation ONLY.

MATHEMATICS ELECTIVES

TOPICS IN COLLEGE ALGEBRA

Grades 11, 12

35041 Semester – College Prep

2.5 credits

This course is a natural extension of Algebra II CP course. The topics covered will be determined by the needs of the class, with material drawn from traditional Algebra curriculum. Potential topics to be covered include quadratic functions, linear modeling, exponential functions and applications, and trigonometry. Time will also be allotted for preparation for the Accuplacer Exam.

Prerequisite: Successful completion of Algebra II.

TOPICS IN STATISTICS & PROBABILITY

Grades 11, 12

35042 Semester – College Prep

2.5 credits

This course is a natural extension of Algebra II CP course. The topics covered will be determined by the needs of the class, with material drawn from traditional statistics and probability curriculum. Potential topics to be covered include data analysis, voting theory, probability distributions, and presentation of data. Time will also be allotted for preparation for the Accuplacer Exam.

Prerequisite: Successful completion of Algebra II.

GAME THEORY IN MATHEMATICS

Grades 11, 12

35043 Semester – College Prep

2.5 credits

This is a one-semester course where students will learn to play a variety of games that will help them become better strategists, good team players, and problem solvers. Playing games involves a mental challenge. Student effort will be concentrated on learning to play bridge (a card game), which is recognized as a “mind” sport and is a skill-based partnership game. Each game offers unique challenges of problems and solutions. Tournament play and/or competition will be undertaken at the end of the semester. Bridge can be played beyond high school at the collegiate level, national level, and even international level! The course will also cover other games to develop a deeper understanding of game theory, including Pitch, Cribbage, Bananagrams, Qwerkle, Set, and Parcheesi.

CREATIVE PROBLEM SOLVING IN MATHEMATICS

Grades 11, 12

35044 Semester – College Prep

2.5 credits

This is a one-semester course where students will engage in curriculum that will develop deeper problem solving skills. Students will learn to view problems from different angles and to organize the information presented. Different techniques will be reviewed and introduced including how to make a problem smaller, how and when to use trial and error, using modeling techniques to make sense of problems, working collaboratively to solve problems, and using logical reasoning. Students will be working in pairs or small groups. The course is problem-driven with problems drawn from a variety of topics including mathematics, business, science, and the humanities.

Prerequisite: Successful completion of Algebra I.

BUSINESS and DESIGN TECHNOLOGY

MEDIA LITERACY

38011 Semester – College Prep

Grade 9

2.5 credits

Success in the 21st century demands that students be able to exhibit a range of functional and critical thinking skills related to information, media and technology. In this course students will learn how, and to what purpose various media messages are constructed. Students will study the evolution of the moving image, from Muybridge to YouTube. They will use technology as a tool to research, organize, evaluate and communicate information from various sources, as well as explore ethical/legal issues surrounding the access and use of information technologies. Practical projects include original podcasting, screencasting and video production.

MARKETING

38021 Semester – College Prep

Grades 10-12

2.5 credits

This course will introduce students to marketing principles and will develop marketing skills. Product and service planning, marketing information management, financing and distribution will be studied. Students will also learn about target markets, market research, and marketing strategy. Students will also contrast the ways that marketing is used in the United States and other areas of the world. Class membership entitles the student to be part of the DECA program at RHS.

FINANCE

38031 Semester – College Prep

Grades 10-12

2.5 credits

This course covers the needed skills for managing an individual's financial well-being. It is a practical life-skills course. Areas to be covered include investments, insurance plans, banking, credit, retirement planning, and housing. All class members will assist in running the Viking Corner Store, the RHS school store operation (as needed). Class membership entitles the student to be part of the DECA program at RHS.

ECONOMICS

38032 Semester – College Prep

Grades 10-12

2.5 Credits

Students will learn about the tasks involved with the financial operations of a business. Skills that will be covered include performing rudimentary accounting skills, creating balance sheets, financial statements and analyzing corporate models. In addition we will be doing case studies of some of major US corporations as well as looking to local business leaders for guest speaking roles in our class. Course can meet either social studies elective and math requirement.

TECHNICAL DRAWING/CAD I

38051 Semester – College Prep

2.5 credits

Students will be introduced to technical drawing as a medium for visual communication and design. Students will spend the majority of the semester learning CAD (Computer-Aided Design) tools such as Autodesk Inventor. Topics will include dimensioning, multi-view drawings, and assemblies. Projects will include designing and creating 3D models of products such as furniture and a phone stand. Some projects will give students the opportunity to see their finished designs printed on our Makerbot 3D printers.

TECHNICAL DRAWING/CAD II

38061 Semester – College Prep

2.5 credits

This course will focus on architectural design, while continuing to build students' knowledge and skills in CAD (Computer-Aided Design) tools. Students will learn how to design 3D models of buildings and homes using Autodesk Revit and have the opportunity to create photorealistic renderings, walkthrough videos, and 3D printed models. Students may also choose to focus on interior design, placing furnishings and décor. Technical Drawing/CAD I is a prerequisite, but exceptions may be made with permission from instructor.

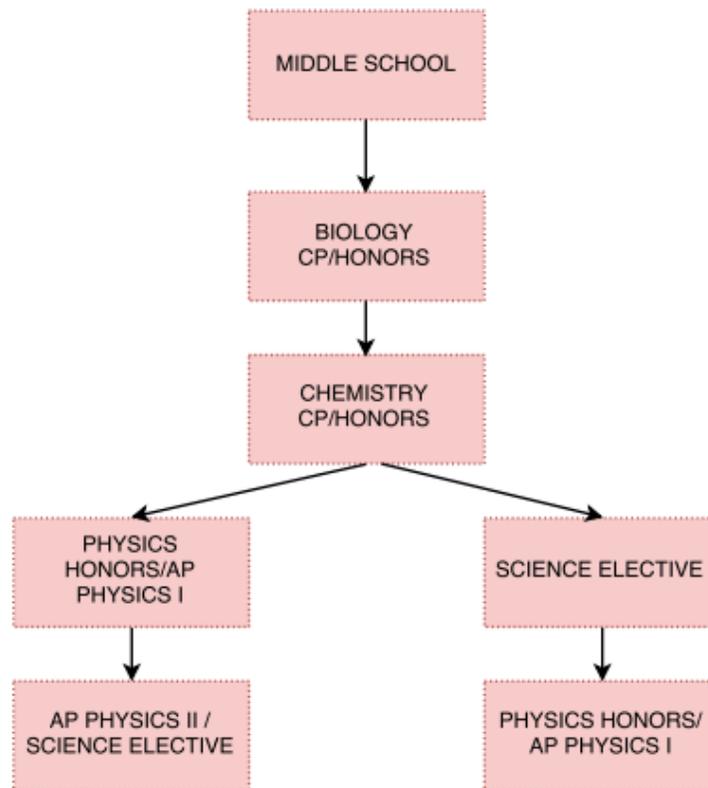
TECHNOLOGY AND DESIGN I

38071 Full year –College Prep

5.0 credits

Technology design projects form the core of this hands-on course designed to engage students of all grades and skill levels. New experiences with hand, power, electronic, and automation tools will bring to life important science and math concepts. Much of the year will be focused on designing, building, and programming robotics using VEX robotics kits. Previous years have also included CO₂ cars, motorized monster trucks, steam-powered boats, and a variety of 3D printed designs. Project planning and teamwork will be essential elements throughout.

SCIENCE PATHWAYS



SCIENCE ELECTIVES INCLUDE (SEE COURSE CATALOG FOR PRE-REQUISITES):
Marine Science, Environmental Science, Astronomy, Meteorology, Human Body, Anatomy & Physiology, The Science of Food, Life in the Universe, AP Biology

SCIENCE DEPARTMENT

The vision of the Rockport High School Science Department is to prepare our students for successful, lifelong learning in the 21st century. Our fundamental mission is to give all students sufficient knowledge of science for them to comprehend the fundamentals of natural phenomena taking place in the world around them, to interpret the scientific significance of major current events, and to develop an appreciation for people engaged in scientific endeavors. We offer subjects at a variety of levels, so that all students are challenged to

acquire the maximum amount of scientific knowledge appropriate for them. We strive to fully engage students who have a natural aptitude for science, and to equip them with the knowledge and tools they need to successfully continue in this field.

The objectives of the Science Department are to enable students to think analytically, to read and communicate scientifically, and to develop key technical skills. The teachers use an interdisciplinary approach to their curricula to make the classes more informative and engaging. Demonstrations and laboratory investigations augment the lecture component of the classes. Note taking and notebook keeping, careful observations of natural phenomena, technical use of measuring devices and other experimental equipment, data gathering and organizing, and analytical problem solving all help the students to develop their scientific capabilities. Regular homework assignments, written and oral exercises, quizzes, and exams ensure that the students and teachers know what progress is being made towards shared objectives.

Rapid changes in the world today necessitate that the Science Department keeps up to date with the current developments in each field. The teachers make every effort to keep both themselves and students abreast of these changes.

BIOLOGY

37011 Full Year – College Prep

Grade 9

6 credits

This laboratory course introduces students to the field of biology. The curriculum focuses on the similarities of organisms at a molecular level and the interrelationships among organisms and ecosystems. Laboratory experimentation gives the students first-hand experience with the concepts presented in class. The chemistry needed to explain the biological processes will be covered early in the year. Building upon the chemical basis of life, students will then study molecular biology, cellular biology, genetics, evolution and the origin of life as well as ecology.

BIOLOGY

37012 Full Year – Honors

Grade 9

6 credits

This accelerated laboratory course introduces students to the field of biology. The curriculum in this advanced level course goes into more depth compared to the *College Prep Biology* course. Laboratory experimentation gives the students first-hand experience with the concepts presented in class. The chemistry needed to explain the biological processes will be covered early in the year. Building upon the chemical basis of life, students will then study molecular biology, cellular biology, genetics, evolution and the origin of life as well as Ecology. Students will be challenged with analytical assignments as well as regular homework assignments, exams, labs and projects. Students who pursue this course should be self-motivated active learners that have a high degree of interest and enthusiasm for science study.

CHEMISTRY
37031 Full Year –College Prep

Grade 10, 11
6 credits

Chemistry, the study of matter and its changes, is offered as a laboratory science. The course not only prepares students for further study in science, but also provides students with chemical knowledge needed to be literate voters on issues pertinent to our health and environment. This course deals with the nature of matter and energy, modern atomic theory, the nature of chemical bonds, chemical reaction systems, and general laboratory methods and techniques. Topics to be included will be chemical formulas and equations, the mole, atomic structure, the periodic table of elements, gas laws, acids and bases. This course is intended for students planning to further their education, to prepare students for further scientific study or to give students with non-science futures a good general background in this discipline. The course requires that all students demonstrate a consistent pattern of commitment and study.

CHEMISTRY
37032 Full Year – Honors

Grade 10, 11
6 credits

This course deals with the properties of matter and energy, modern atomic theory, the nature of chemical bonds, chemical reaction systems, and general laboratory methods and techniques. Topics to be included will be chemical formulas and equations, the mole, atomic structure, the periodic table of elements, organic chemistry, biochemical technology, gas laws, acids and bases, oxidation, reduction, pH and nuclear chemistry as well as an introduction to organic and biochemistry. This course requires students to be facile with conceptual and mathematical material. It is designed to prepare students for further advanced study in the sciences. This course will involve a broader range of topics and a greater amount of laboratory exposure than a traditional college preparatory course in chemistry. Students pursuing this course should be self-motivated active learners who have a high degree of interest and enthusiasm for scientific study.

Prerequisites: Students must have maintained a B average or higher in Honors Biology or maintained an A average or higher in College Prep Biology

SCIENCE ELECTIVES

MARINE SCIENCE
37051 Semester – College Prep

Grades 11, 12
3 credits

This course surveys marine organisms and the environmental factors that affect these organisms. Emphasis is on local species, their habitats and behaviors. Fieldwork, laboratory

exercises and research projects are an integral part of this course. This course is designed for students in the 11th & 12th grade.

Prerequisites: Biology and Chemistry

ENVIRONMENTAL SCIENCE

Grades 11, 12

37061 Semester – College Prep

3 credits

This course examines the topics of ecology, marine ecosystems and the anthropogenic factors that affect these systems; other topics include global environmental problems. Fieldwork, laboratory exercises and research projects are an integral part of this course. This course is designed in the 11th & 12th grade.

Prerequisites: Biology and Chemistry

ASTRONOMY

Grades 11, 12

37071 Semester – College Prep

3 credits

This course involves understanding the fundamental processes of the universe with emphasis on our own solar system. Topics to be included will be constellations, planets, stars, galaxies, and the larger universe. Different features of each planet system in our solar system will be studied. Opportunities to view the wonders of the night sky through a telescope will occur at night throughout the year.

METEOROLOGY

Grades 11, 12

37081 Semester – College Prep

3 credits

This course is designed to engage students in learning about meteorology, atmospheric science, and the reasons behind weather and climatological changes locally and world-wide. Topics include forces creating weather, reading weather maps, storms, and predicting weather. The class will be analyzing data from the newly constructed Rockport Public Schools weather station.

HUMAN BODY IN HEALTH AND DISEASE

Grades 11, 12

37091 Full Year – College Prep

6 credits

This course is designed to engage students in an exploration of the human body. It will cover the basic functions of the human body while incorporating human health and disease. Topics to be discussed include the fundamentals of various systems of the human body, prevention from diseases and disorders in the body and career explorations in the field of health sciences.

Prerequisites include any Biology course (Chemistry recommended)

ANATOMY AND PHYSIOLOGY**37122 Full Year – Honors****Grades 11, 12****6 credits**

This honors level course introduces students to the anatomy and physiology of the human body. It is an accelerated course that is taught as closely as possible to that of a freshman college level. Research papers, article reviews, essay tests, biochemistry labs, microscope work and oral presentations are all included in this challenging course. Topics to be covered include the anatomy and physiology of various human systems as chosen by the class and basic biochemistry techniques. This is an excellent choice for anyone interested in a career in biology or the medical field.

Prerequisites: Biology and Chemistry (honors level courses recommended)

THE SCIENCE OF FOOD**37131 Full Year – College Prep 5 credits****Grades 11, 12**

From biochemistry to nutrition and wellness, this course will explore the vast scientific universe of food. Topics will include growing food, cooking chemistry, history of processed food and related issues, digestive processes, eating disorders, and various approaches to proper nutrition. Hands-on minds-on activities will complement and illuminate the corresponding classroom discussions.

Prerequisites: Biology and Chemistry

PHYSICS**37042 Full Year – Honors****Grades 11, 12****6 credits**

This laboratory course is intended to help students develop their scientific literacy in physics and to help them improve their physical and quantitative reasoning skills through a variety of learning activities. Students will become familiar with forces and corresponding laws of motion, momentum and energy, heat and thermodynamics, the physics of waves, acoustics, light, optics, electricity, magnetism, and electromagnetism. Algebraic and trigonometric reasoning is emphasized throughout the course. Lots of laboratory activities enable hands-on engagement by the students, as they develop effective measurement methods that reveal key physical principles.

Prerequisites: Algebra II - Preferably Pre-Calculus.

AP PHYSICS-I
37103 Full Year – Advanced Placement

Grades 11, 12
6 credits

This laboratory course is intended to help students advance their scientific literacy in physics and to help them improve their physical and quantitative reasoning skills through a variety of learning activities. This AP course is the equivalent of a first-semester college course in algebra-based physics. It covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Algebraic and trigonometric reasoning is emphasized throughout the course. Lots of laboratory activities enable hands-on engagement by the students, as they develop effective measurement methods that reveal key physical principles.

All students who take this AP course must follow the approved AP curriculum and are expected to take the Collegeboard AP exam in May. Any student who does not take the AP exam or follow the approved curriculum will lose the AP credit at the end of the year.

Prerequisites: Algebra II - Preferably Pre-Calculus. Students should have maintained a B average or higher in Honors Chemistry or an A average or higher in College Prep Chemistry.

AP PHYSICS-II
37113 Full Year – Advanced Placement

Grade 12
6 credits

This laboratory course is intended to help students advance towards fluency in physics and to prepare them for the AP Physics-2 examination. It is the equivalent to a second- semester college course in algebra-based physics. As such, it is aimed at the student who is interested in pursuing science or science-based studies at the college level. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Along the way, students will develop their physical and quantitative reasoning skills through a variety of problem-solving and laboratory experiences. In addition, each student will undertake an authentic research project worthy of presentation beyond the classroom.

All students who take this AP course must follow the approved AP curriculum and are expected to take the Collegeboard AP exam in May. Any student who does not take the AP exam or follow the approved curriculum will lose the AP credit at the end of the year.

Prerequisites: Successful completion of the first-year Honors Physics or AP Physics-1 course. Students who take AP Physics-2 are recommended to take Calculus concurrently. At a minimum, they should have demonstrated success in mathematics at the pre-calculus level.

LIFE IN THE UNIVERSE – A DEEP HISTORY**Grades 11, 12****37141 Full Year – College Prep****5 credits**

This course is intended to help students understand the deep history of matter and the evolution of life over cosmic time (beginning with the Hot Big Bang 13.7 billion years ago). In the first semester on *Life's Physical Origins – from Atoms to Archaea*, students will consider the emergence of galaxies, stars, planets, the elements, molecules, organic molecules, and the first single-celled life forms. In the second semester on *The Evolution of Life – from Microbes to Mankind*, students will consider the Earth's deep history, the diversity of cell types on Earth, the genetic code, Darwinian evolution, evolutionary processes within ecosystems, and the prospects for life elsewhere in the Universe. Along the way, they will learn important aspects of astronomy, physics, chemistry, geology, and biology. Students will carry out and document a variety of learning activities that will be assessed.

AP BIOLOGY**Grades 11, 12****37023 Full Year – Advanced Placement****6 credits**

The Advanced Placement Biology course is designed to be the equivalent of an introductory college level biology course usually taken by biology majors during their freshman year. This course will cover the following topics in great depth: organic chemistry, cellular structure and function, cellular respiration, photosynthesis, mechanics of cell division, genetics, DNA and protein synthesis, evolution, structure and function of plant and animal systems, and ecology. Laboratory exercises and research projects are an integral part of this course. *All students who take this AP course must follow the approved AP curriculum and are expected to take the Collegeboard AP exam in May. Any student who does not take the AP exam or follow the approved curriculum will lose the AP credit at the end of the year.*

Prerequisites: Students must have maintained at least a B average or higher in the following classes: Honors Biology, Honors Chemistry, and Honors Anatomy & Physiology or Physics.

HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education has primary responsibility to support and assess the development of the learning expectations as stated in our Statement of Core Values, Beliefs and Expectations. Educating and preparing our students to effectively use leisure time, and to be physically, socially, and emotionally well are the major goals of the Physical Education/Health Department. Students will experience the concept of wellness through classroom health education and physical education activities. Students will demonstrate the knowledge and skills necessary for a healthy, physically active, and socially responsible lifestyle.

All students are required to take Physical Education for four years and Health for two years.

Freshman:	Physical Education (1 quarter) & Health I (1 quarter)
Sophomores:	Physical Education (1 quarter) & Health I (only if not previously taken)
Junior:	Physical Education (1 quarter) & Health II (1 quarter)
Senior:	Physical Education (1 quarter) & Health II (only if not previously taken)

PHYSICAL EDUCATION 9/10 36051 Quarter

**Grades 9, 10
1.25 credits**

The focus of the program is the development of the habits, knowledge, skills and attitudes necessary to attain wellness for life. The curriculum is designed to facilitate the development and maintenance of fitness as well as to promote honesty, integrity, and good sportsmanship in a variety of cooperative and competitive situations. Freshmen class is an introduction to principles of exercise and activities needed to lead a healthy lifestyle. Principles include muscular strength and endurance, flexibility and cardiovascular endurance. During the sophomore year the study of lifelong fitness is continued. Topics include: nutrition, body composition, eating disorders, injury prevention, weather and apparel, stress management and kinesiology. Students will be instructed in a wide range of individual, dual and team activities while attempting to instill positive attitudes towards lifetime fitness. Students are required to change into appropriate attire during their class period. This normally includes sneakers, t-shirt, shorts, and sweatshirt/pant during times of cooler weather.

PHYSICAL EDUCATION 11/12
36071 Quarter

Grades 11, 12
1.25 credit

This course will provide opportunities to learn and develop knowledge and skills useful as tools in maintaining an active lifestyle in the years during and after high school. Students will participate in fitness activities that provide lifetime benefits such as, weight training, jogging, yoga, and walking. Also, students will be exposed to recreational activities such as, but not limited to, golf, tennis, pickle-ball and volleyball – as well as some of our non-traditional activities, which would include bocce, Frisbee, and horseshoes.

INDEPENDENT PHYSICAL EDUCATION 11/12
33071 Semester

Grades 11, 12
2.5 credits

Independent Physical Education is offered each semester for juniors or seniors that cannot fit Physical Education into their schedule (this class can only be taken 1 semester per year). The requirement is to sign an independent learning contract that outlines an activity plan that is performed during an approved class period using the Fitness Room. Students selecting this course should be self-motivated to want to complete their workouts during each class session and able to work independently. Students must keep a daily log. **Approval from staff is required**

HEALTH I
36011 Quarter

Grades 9, 10
1.25 Credits

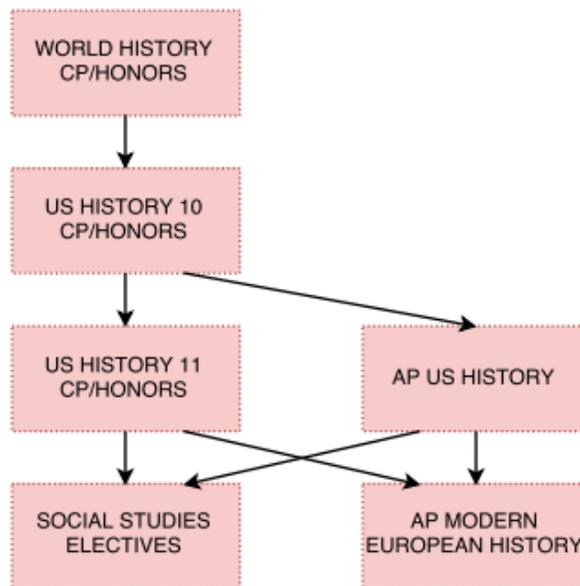
This one-semester course is designed to increase students' knowledge of and ability in using the skills necessary for everyday living. Development of a healthy body and mind will assist young adults in living active, productive and successful lives. Life Skills emphasizes defining personal values, goal-setting and planning, and solving problem solving. Topics will include, but are not limited to; basic food preparation/cooking skills, media and peer pressure, communication and relationships, working with others, avoiding and/or resolving conflict, decision making, stress management, wellness and personal safety, aspects of good citizenship, environmental awareness, how students can contribute to their own community, thinking about yourself, thinking for yourself, taking care of yourself, caring for your relationships, and caring about your community and world.

HEALTH II
36021 Quarter

Grades 11, 12
1.25 Credits

This course will prepare students with the concept of being independent. While this course will focus on wellness, interpersonal skills, decision making and goal setting, we will have units that incorporate nutrition, food preparation, cooking, personal finance, stress management and independent life skills. The nutrition section of this course will focus on the effects of food on health, dietary recommendations, mindful eating, the psychology of eating and food politics. Personal responsibility and knowledge of how to achieve and maintain optimal wellness, will encourage young adults to live, productive, successful and independent lives.

SOCIAL STUDIES PATHWAYS



SOCIAL STUDIES ELECTIVES INCLUDE (SEE COURSE CATALOG FOR PRE-REQUISITES):
Around the World in 90 Days, We The People, History of Cape Ann, Investigate! World History, Investigate! US History, Justice & Law, Psychology, US History Thru Film, World History Thru Film, Facing History & Ourselves, Marketing, Finance, Economics.

SOCIAL STUDIES DEPARTMENT

WORLD HISTORY (1500-1939)

Grade 9

34011 Full Year – College Prep

5.0 credits

34012 Full Year – Honors

5.0 credits

This course will examine how Europe became a center of world power beginning with the First Global Age. Topics will include the causes and consequences of the Renaissance and Reformation, the Age of Exploration and Discovery, European Colonization of the Americas, and Mercantilism and Industrialization. The second part of the course will focus on the global revolutions and conflicts which shaped the 18th, 19th, and early 20th centuries. Topics will include the French Revolution, the Napoleonic Wars, Imperialism in Africa and India, the First World War, the Russian Revolution, and the rise of fascism prior to the Second World War.

U.S. HISTORY 1600-1877

Grade 10

34021 Full Year – College Prep

5.0 credits

34022 Full Year – Honors

5.0 credits

This course will examine the development of the colonies, the struggle for independence, the writing of the Constitution, and the establishment of the United States. In addition, the political, social, and economic struggles, which led to sectionalism and the threat of civil war, will be discussed. The second part of the course will examine Western expansion, the conflicts which led to the Civil War, how the war transformed the nation, the successes and failures of Reconstruction, the challenges resulting from further industrialization, and the nation's increasing presence in world affairs.*A research paper will be required at the 10th grade level.*

20th CENTURY AMERICA: 1900-Present

Grade 11

34031 Full Year – College Prep

5.0 credits

34032 Full Year – Honors

5.0 credits

This course will include the western expansion and industrial development of the U.S., as well as immigration from Eastern and Southern Europe and the Spanish-American War. The US role in World War I, the Roaring Twenties and the Great Depression will be included. The course will

end with the US role in World War II. The second part of this course will cover the Cold War, 1950's, 1960's (including Vietnam), Watergate, the Reagan Revolution, and the Clinton Era of the 1990's. Globalization and the changing role of the US in the early 21st century world will also be included.

A research paper will be required at the 11th grade level.

AP UNITED STATES HISTORY
34043 Full year – Advanced Placement

Grade 11
5.0 credits

The purpose of this course is for students to study history at an advanced level as well as to prepare for the Advanced Placement Exam taken in the spring. The pace of this course will be stimulating and demanding. Students will study themes in United States history from the colonial era through present day. These themes include Intellectual/Cultural history, Political/Diplomatic history, and Social/Economic history. Essay writing, which will include change-over-time and document based essay questions, will be required. Students will also practice AP multiple choice and essay questions throughout the year.

This course also fulfills the Junior Year American History Requirement

SOCIAL STUDIES ELECTIVES

AROUND THE WORLD IN 90 DAYS
34131 Semester – College Prep

Grades 10-12
2.5 credits

This course is an in depth tour of selected countries in the world. The focus is on the country's culture, history and geography. Topics to be included and countries to be studied may vary from semester to semester. International events will influence actual selection of countries. Cultural celebrations, computer research, maps, text, printed materials and videos will be some sources of information.

WE THE PEOPLE
34132 Semester – College Prep

Grades 10-12
2.5 credits

This course will examine the origins and practices of American government and its political institutions. Students will conduct a thorough examination of the three branches of our federal government, as well as government operations at the state and local levels. Constitutional history, political values and behaviors as well as the development and understanding of our civil rights and liberties will be discussed.

HISTORY OF CAPE ANN 1600-1900
34181 Semester – College Prep

Grades 10-12
2.5 credits

In this course, students will investigate the history that surrounds us. Topics will include the first settlements, the development of maritime, fishing, and granite industries, the capture of British ships by local privateers, and the Cape Ann art school. Students will be actively involved in exploring our surroundings and deciphering primary source materials. Reading and fieldwork outside of class will be required, and students will prepare a final presentation on a topic of interest.

INVESTIGATE! WORLD HISTORY
34151 Semester – College Prep

Grades 10-12
2.5 Credits

Challenge and test primary and secondary sources to come up with your own answers to questions such as: What killed Cleopatra? Who was the richest person ever? Who actually started the Korean War? It's up to you to decide. Activities will include reflective writing, debates, and discussion.

INVESTIGATE! US HISTORY
34171 Semester – College Prep

Grades 10-12
2.5 Credits

Challenge and test primary and secondary sources to come up with your own answers to questions such as: What can passenger lists tell us about the settlers of the New World? Were critics of WWI anti-American? How should we remember the dropping of the atomic bomb? It's up to you to decide. Activities will include reflective writing, debates, and discussion

JUSTICE AND LAW
34051 Semester – College Prep

Grades 10-12
2.5 credits

This course is designed to acquaint students with the American legal and justice system. Students will study and analyze cases, legal issues and legislation that impact individuals and society. Topics to be included are criminal law, Constitutional law, and the criminal justice process. The emphasis of the course is on the relationship between the citizen and the legal process. This class is strongly recommended for juniors and seniors.

PSYCHOLOGY**34061 Semester – College Prep****Grades 10-12****2.5 credits**

This course is designed to provide the student with an understanding of the basic principles of human behavior and experience based on scientific fact. The student will see how the learning of psychology can be applied in a wide variety of social situations and become a useful tool in understanding human beings as individuals. A variety of themes related to the Psychology discipline will give students broad exposure to this field.

US HISTORY THROUGH FILM**34201 Semester – College Prep****Grades 10-12****2.5 Credits**

Students will study American History through the use of various films. This will be done by viewing, writing, and discussing the accuracy of the films vs. their true historical counterparts. Students will study the historiography of America from its founding to the present day with a heavy focus on war times and eras of human struggle (time depending). They will delve deep into the history behind the films and discuss the major themes shown. The idea behind the class is not only to educate the students on the history presented but to teach them how to be critical film watchers, learn to research properly, and detect historical bias or inaccuracies.

WORLD HISTORY THROUGH FILM**34211 Semester – College Prep****Grades 10-12****2.5 Credits**

Students will study World History through the use of various films. This will be done by viewing, writing, and discussing the accuracy of the films vs. their true historical counterparts. Students will study the historiography of World History by highlighting repeating themes, wars, and moments of human struggle. The students will be able to decide what eras or countries they would like to cover in this class. They will delve deep into the history behind the films and discuss the major themes shown. The idea behind the class is not only to educate the students on the history presented but to teach them how to be critical film watchers, learn to research properly, and detect historical bias or inaccuracies.

FACING HISTORY AND OURSELVES**34212 Semester – College Prep****Grades 10-12****2.5 Credits**

In order to promote greater awareness of the social issues students will face in today's world, this course will examine bias, racism, and prejudice in a historical context. Through the study of religious intolerance, genocide, and the Holocaust, students will increase their ability to relate history to their own lives and will gain a deeper understanding of their roles and responsibilities in a democracy. While students will learn facts and background surrounding specific events in

history, they will also be asked to examine the psychological motivations of the individual and of the group and the ethical implications of their actions.

This class is recommended for grades 10 and above.

AP MODERN EUROPEAN HISTORY
34123 Full year – Advanced Placement

Grade 12
5.0 credits

The purpose of this course is for students to study history at an advanced level as well as to prepare for the Advanced Placement Exam taken in the spring. The pace of this course will be stimulating and demanding. Students will study themes in Modern European history from the Renaissance through present day. These themes include Intellectual/Cultural history, Political/Diplomatic history, and Social/Economic history. Essay writing, which will include change-over-time and document based essay questions, will be required. Students will also practice AP multiple choice and essay questions throughout the year.

MARKETING
38021 Semester – College Prep

Grades 10-12
2.5 credits

This course will introduce students to marketing principles and will develop marketing skills. Product and service planning, marketing information management, financing and distribution will be studied. Students will also learn about target markets, market research, and marketing strategy. Students will also contrast the ways that marketing is used in the United States and other areas of the world. This course is for sophomores, juniors and seniors. Class membership entitles student to be part of the DECA program at RHS.

FINANCE
38031 Semester – College Prep

Grades 10-12
2.5 credits

This course covers the needed skills for managing an individual's financial well-being. It is a practical life-skills course. Areas to be covered include investments, insurance plans, banking, credit, retirement planning, and housing. All class members will assist in running the Viking Corner Store, the RHS school store operation (as needed). Class membership entitles the student to be part of the DECA program at RHS. Course can meet either social studies elective and math requirement.

ECONOMICS

Grades 10-12

38032 Semester – College Prep

2.5 Credits

Students will learn about the tasks involved with the financial operations of a business. Skills that will be covered include performing rudimentary accounting skills, creating balance sheets, financial statements and analyzing corporate models. In addition we will be doing case studies of some of major US corporations as well as looking to local business leaders for guest speaking roles in our class. Course can meet either social studies elective and math requirement.

GUIDANCE DEPARTMENT

The Guidance Department supports and assesses the development of the learning expectations as stated in our Statement of Core Values Beliefs and Expectations.

Alternative studies options exist in order to facilitate the transition from school to work or from school to college. They also exist in order to allow programming flexibility for students whose talents and interests allow them to take advantage of opportunities for extending their education outside of the walls of the classroom or RHS.

DUAL ENROLLMENT

Semester or Full Year – 2.5 or 5.0 credits

The Commonwealth **Dual Enrollment** Partnership (CDEP) provides opportunities for high school students to take college-level courses free of charge and simultaneously earn credit toward high school completion as well as their future college degrees through a discretionary state grant program. Please see the Guidance Department for further information on this opportunity.

INDEPENDENT STUDY

Semester or Full Year – 2.5 or 5.0 credits

Independent studies are developed at the initiative of an individual student who wishes to investigate a topic independently, especially if a need cannot be met within the regular curriculum. Such a course requires consultation with a teacher who is willing to supervise the work and permission of a Guidance Counselor.

INTERNSHIP PROGRAM

Semester or Full Year – 2.5 or 5.0 credits

Senior students who are academically successful and exhibit good attendance, behavior and attitude may apply for an internship. Internships provide students with the opportunity to be exposed to the world of work and strengthen the skills they will need to be successful for future employment. Students wishing to pursue an internship placement need to present a plan to their Guidance Counselor and fill out the appropriate paperwork. Employment, whether paid or voluntary, must be related to a possible career/college major interest. The Guidance Department will monitor the students' activities by coordinating with the job site supervisor and reviewing the internship paperwork. Internships are graded on a Pass/Fail basis. The Guidance Department and the Principal must approve all paperwork.

SERVICE STUDY

Semester or Full Year – 2.5 or 5.0 credits

The Service Study program is a “for credit” service program designed to benefit the student, school and community. It is open to students who wish to provide volunteer service to the school or community on an ongoing and regular basis. A service study cannot take the place of core academic classes. The student's individual program is arranged and monitored through the Guidance Office. Students have made special service contributions by volunteering as office, lab, library, elementary/middle school helpers and athletic assistants. Continued participation in service study is dependent upon the student passing all current courses. Service Studies are graded on a Pass/Fail basis. *Service study activity does not count toward the fulfillment of the Community Service requirement.*

STUDENT-CENTERED PLC

Semester or Full Year – 2.5 or 5.0 credits

The Student-Centered Professional Learning Community (PLC) option allows senior students to focus on a specific subject area or topic of interest at a deeper level. Students are required to submit proposals through the guidance office and their guidance counselor and principal must approve all proposals. Potential areas of focus may include: research on a global issue, preparation for an exhibition project, student-driven initiatives to enhance our school community or AP study groups to allow students to broaden their exposure to complex subjects. Students are required to submit a final paper or presentation to support their time on learning.

STUDENT FELLOWSHIP

Semester or Full Year – 2.5 or 5.0 credits

In this course students will work 1:1 w/ a chosen teacher in order to further study the teacher's subject area and/or help the teacher improve the instruction of the class. This course is especially designed to help students make determinations about their future college/career path. Students will complete approved performance tasks such as, but not limited to, the delivery of a created mini-lesson, an advanced writing piece/project, a research paper/project on a relevant issue within the field of education, etc. The primary goal of this course is for students to further study a specific academic discipline of their choosing and/or for students to begin developing their teaching style and philosophy for a potential career within field of education.

ONLINE COURSES

Online courses offered by Virtual High School (VHS) and Educere are available to students at all grade levels. There are numerous courses available under many academic disciplines. The courses are offered to help expand the student's choice of electives. Students who work well independently and have strong computer skills are good candidates for online classes. Students and parents/guardians who are interested in learning about online education should contact the guidance department.

All students interested in taking an online course need to get approval from their guidance counselor and attend a training session. There are only 50 semester seats available annually. Students can only take one online course. Any additional courses need to be paid by the student. Online courses are on a first-come, first-served basis, prioritized by graduation year and need. Please note: Online courses are not factored into a students' GPA.

SPECIAL EDUCATION

ACADEMIC SUPPORT

Individual learning goals will be the focus of this course. This curriculum is designed to emphasize the development of independent learning for each student. Skill development as it relates to organization, reading comprehension, executive function, listening skills, note taking, memory techniques, time management, creating study guides, and test taking strategies, both in the classroom and on standardized tests (such as the Massachusetts Comprehensive Assessment System (MCAS)) will be emphasized. Rockport Middle/High School's core values, beliefs, and learning expectations will be modeled, encouraged, and

emphasized throughout the course. It is expected that students will think critically and creatively, communicate effectively, demonstrate respect for self and others, and serve society responsibly. Each student will be required to maintain an assignment notebook. Students will be assigned to this class as required by an Individualized Education Plan.