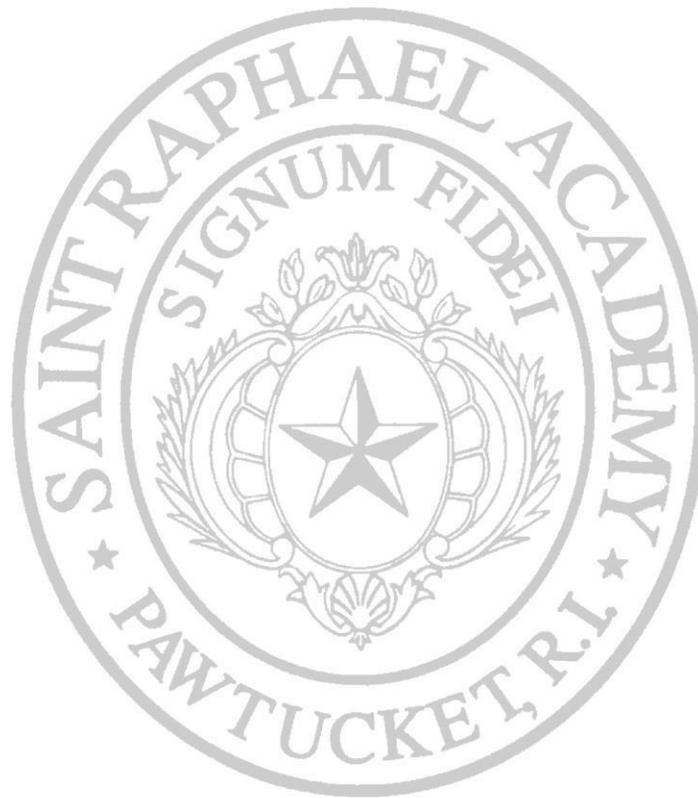


Program of Studies

2018-2019



Saint Raphael Academy Mission Statement

Saint Raphael Academy is a diocesan, Catholic, college preparatory school founded in the tradition of Saint John Baptist de La Salle and rooted in the Gospel of Jesus Christ. The Academy provides a comprehensive secondary education to young men and women from diverse backgrounds and prepares each student for a life dedicated to learning, leadership and service.

GOALS

- The reason for our existence as a school is the commitment to develop and nurture the religious dimension of each individual in the context of a Catholic-Christian Community. This premise should be an ongoing concern of each segment of the Saint Raphael Academy Community.

- Saint Raphael Academy fosters a sound academic environment and meaningful extracurricular programs that complement the religious dimension and complete the education of the whole person. To maintain, strengthen and enhance this Christian environment, we cultivate alternative avenues to respond to future conditions.

- In order to meet the needs of the Saint Raphael Academy Community, it is necessary to integrate the activities of the administration, teachers, students and parents through effective and concise communication. To make this ideal practical requires a total commitment on the part of the entire Community to this philosophy and the subsequent rules and guidelines.

OBJECTIVES

- To manifest its Catholic and Lasallian identity as proclaimed in the Gospels through curriculum, spiritual formation programs and Christian Service.

- To nurture an environment of Catholic Christian Community in which students, staff, families, alumni(ae) and School Board members grow in awareness of and responsibility towards self, others, and God.

- To encourage use of talents as servant leaders by asking the entire Saint Raphael Academy Community to become aware of the need to minister to one another, including the poor and marginalized peoples of the global community.

- To establish and maintain a rigorous college preparatory curriculum that challenges the students of differing abilities and interests through required and elective courses.

- To provide a faculty that has expertise in particular subjects, and whose professionalism is enhanced by being representatives of a Christian role model.

- To evaluate and update continually our program considering current directions and alternatives.

- To encourage and provide opportunities for the entire Saint Raphael Academy Community to participate in the civic community, the Church, and especially the family.

- To encourage staff and students to participate in co-curricular activities and Christian Service programs.

- To provide a program of interscholastic activities and extracurricular activities that encourage a spirit of cooperation, participation, competition, and fair play, thus enhancing the curriculum and complementing the cultural and aesthetic education of students.

PROGRAM OF STUDIES

As a college preparatory, Catholic, coeducational high school, Saint Raphael Academy is guided by the principles of St. John Baptist de LaSalle. We are focused upon offering a rigorous academic curriculum in a nurturing environment which addresses the needs and learning styles of our students whether they are independent learners or may need more academic support. We strive to meet students at their current levels of academic success and enhance their reading and writing skills, knowledge, along with their critical thinking abilities for them to reach their fullest potential. Therefore, we offer academic programs of study for students of various ability levels, including Honors (H), Advanced Placement (AP), Advanced College Placement (ACP), and College Placement (CP) levels. Thus, these curriculum offerings are designed to meet the academic needs as well as goals of all our students.

GRADUATION REQUIREMENTS

To be eligible for a diploma from Saint Raphael Academy, a student must complete the following course of studies.

Subject	Credits
Theology	4.0
English	4.0
Mathematics	4.0
Science	3.0 (includes 2 credits in laboratory sciences)
Foreign Language	2.0 (3 years strongly recommended)
Social Studies	3.0
Computer Technology/ Fine Arts	.50 (1 preferred)
Physical Education/Health	1.0 (.25 credit per year)
Christian Service	1.0 10 hours per year for freshmen and sophomores and 20 hours for juniors and seniors.

In addition to passing these courses listed above, students must pass a sufficient number of elective courses to accumulate 25.5 credits. Students are required to sit for six academic courses each semester.

In all course selections, the Vice Principal of Academics along with the Department Chairperson and the Principal have final approval. The Administration reserves the right to withdraw a course offering because of insufficient student enrollment or to change a student to balance class size.

All requests to add, drop or change a course must be made no later than September 13, 2018.

COURSE OFFERINGS

9th Grade

Required: Theology 9; Mathematics: Algebra I, Algebra II; Foreign Language (French or Spanish); Biology; English 9; World Cultures; Fine Arts elective in music or art; Physical Education/Health

Electives: Foundations of Art, Introduction to Graphic Design, Visual Studies, Concert Choir, Instrumental Program, Guitar, Rhythm and Drumming, Computer Applications I (see Program of Studies for complete list and description)

10th Grade

Required: Theology 10; English 10 (American Literature); Mathematics: Algebra II, Algebra I (part II), Geometry, Chemistry; Spanish or French II or appropriate level; U.S. History 1 **or** AP Human Geography; Physical Education/Health

Electives: Digital Workspace, Guitar 10, Rhythm and Drumming 10, Art Studio, Microsoft Excel, Microsoft Word, Concert Choir, Instrumental Program, Music of Western Culture, World Music, Music Technology (see Program of Studies for complete list and description)

11th Grade

Required: Theology 11; English 11 (British Literature) or AP Language and Composition; Geometry, Algebra II, Pre-Calculus, AP Calculus AB **or** AP Calculus BC; Physics, United States History II **or** AP United States History; Physical Education and electives to complete 6.25 academic credits.

Electives: Foreign Language (French or Spanish Level III or appropriate level), Public Speaking, Creative Writing, American Government, World History through Film, Modern European History, Sociology, Anatomy/Physiology, AP Biology, AP Chemistry, AP Environmental science, Drawing and Painting I, Drawing and Painting II, Digital Art and Design, Sculpture, Art Studio, Accounting, Principles of Management, Sports and Entertainment Marketing, FBLA (Future Business Leaders of America), Introduction to Computer Programming, AP U.S. History, Business and Criminal Law, Personal Finance, Concert Choir, Instrumental Program, Music of Western Culture, World Music, Music Technology, Music Theory (see Program of Studies for complete list and description)

12th Grade

Required: Theology 12; English 12 (World Literature) or AP Literature and Composition; Algebra II **or** Geometry, Pre-Calculus, AP Calculus AB, AP Calculus BC; Physical Education; and electives sufficient to complete 6.25 academic credits.

Electives: Foreign Language (French or Spanish Level III or appropriate level), Public Speaking, Creative Writing, American Government, Psychology I, Psychology II, AP Psychology, Modern European History, Sociology, Forensics, Anatomy, Anatomy/Physiology, AP Biology, AP Chemistry, AP Environmental science Drawing and Painting I, Drawing and Painting II, Sculpture, Accounting, Sports and Entertainment Marketing, Principles of Management, FBLA (Future Business Leaders of America), Computer Code, Digital Art and Design, Art Studio, Music Theory, World History through Film, Business and Criminal Law Concert Choir, Instrumental Program, Music of Western Culture, World Music, Music Technology (see Program of Studies for complete list and description)

COURSE CREDITS

A course at Saint Raphael Academy may be scheduled to run for a half or full school year. Students receive one credit for the successful completion of a full-year course, one-half credit for a semester course, and one-quarter credit for Physical Education/Health Education and all 3-day/cycle elective courses.

No credit is given for courses that are partially completed for reasons of withdrawal, incomplete work, or failing work. Completion of the course with a passing grade provides graduation credit.

According to Diocesan regulations, students who fail a major subject must repeat this subject in an approved summer school. **A student may not repeat the subject the following year. Any student who fails three credits or more may not be permitted to return to Saint Raphael Academy.**

DESCRIPTION OF LEVELS

The college preparatory curriculum at Saint Raphael Academy is designed to challenge all students. Keeping in mind that students differ in learning style and ability, courses differ by level in the following areas:

- The presentation of material will be compatible with students' abilities varying in pace, complexity and depth.
- Independent research projects will vary by type, number assigned, and amount of teacher direction.
- Assessments of students will be designed according to the material at the level, differing in type, evaluative criteria, and format.
- Supplementary topics suited to the talents and interests of students will be incorporated at the discretion of the teacher.

Honors (H) - is designed to challenge students to pursue their course material from a broader perspective and in greater depth. It also introduces students to the research and seminar technique at an early stage in their high school years and instills in them the habit of creative and critical thinking. Independent assignments are a characteristic feature of the honors level work.

Advanced College Prep (ACP) - is designed to challenge students to pursue their studies in greater depth than required at the college prep level placement. Instruction at this level includes the development of critical and creative thinking as well as additional independent assignments.

College Prep (CP) - is designed to challenge college-bound students to pursue their studies. This two-year intensive college preparatory curriculum involves enhanced attention to each student's individual needs, and assumes that all participants will advance to our advanced college preparatory curriculum no later than the beginning of their junior year. Instruction at this level includes the development of critical and creative thinking and some additional independent assignments.

In addition, Saint Raphael offers **The Advanced Placement Program**. It is a joint cooperative educational endeavor of the College Board, participating colleges/universities, and Saint Raphael Academy. The Advanced Placement (AP) Program is provided as part of the curriculum to encourage the student who has demonstrated superior achievement. This program challenges and stimulates students, accelerates learning, individualizes education, and indicates to the public that this school values intellectual achievement and academic excellence. Students are presented with college-level work and are evaluated according to college standards by The College Board. Also, Saints offers the **Early Enrollment Program (EEP)** through Rhode Island College which allows students to earn college credit while still in high school. EEP is a concurrent enrollment program that offers college credit from Rhode Island College to highly motivated high school students. Concurrent enrollment means the student earns both high school credit and college credit for certain designated courses at their respective high schools. Students who are seeking an academic challenge and have maintained a strong academic average may qualify for participation in the Early Enrollment Program, contingent upon the recommendations of teachers and school counselors.

The Benilde Program is a placement opportunity for bright students with mild learning needs, health problems, or other circumstances that may prevent them from realizing their full academic potential. The program works with Benilde students as they integrate in the same classes and activities as all other Saints students, allowing them to pursue a college preparatory course of study. The program helps students to understand and take responsibility for their own learning needs, and successfully complete high school.

Saint Raphael Academy does accept students who have demonstrated average to above-average scholastic ability, achieved strong academic records and received favorable grade school recommendations. In the exercise of its discretion as a private institution, The Academy may choose to accept students who have learning differences, but who, in the estimation of The Academy can nonetheless succeed academically in the school's educational environment. However, in so doing, Saint Raphael Academy does not agree to alter and/or modify its curriculum to accommodate the specific needs of individual students. For example, we will not waive a foreign language requirement even though such treatment is recommended in the IEP of an admission candidate from a public-school district. However, we will entertain granting individual students non-curriculum based accommodations such as preferential seating in a classroom or extended time on major exams. Therefore, it is imperative that during the Admissions process there is full disclosure by the parents/guardians as to any special services the student has been receiving prior to their

acceptance to Saint Raphael Academy. We will make the decision as to services we can provide on a case by-case basis.

To evaluate a student for educational support and/or accommodations, parents must provide the student's guidance counselor with the following items:

1. A copy of the student's most recent (within the last three years) neuropsychological and/or educational evaluation
2. A copy of the student's most recent IEP or 504 Plan, if applicable.
3. If a student requires the use of an assistive device such as a "fidget" or similar device, it can only be used if it is part of a Saint Raphael Academy's approved PLP for the student. All other assistive technology is also subject to approval by Saint Raphael Academy.

For the 2018-19 school year, Saint Raphael Academy will begin offering the opportunity for a limited number of our students to access courses NOT available within our master schedule of course offerings via **"The Virtual High School."** Students should contact their guidance counselor or the Vice Principal of Academics if they are interested in accessing an online course.

THEOLOGY DEPARTMENT

All classes are heterogeneously grouped and assigned **Advanced College Prep** credit. A one-day retreat experience is offered per class each academic year.

Freshmen and sophomores are required to complete a minimum of 10 hours of Christian service each year. Juniors and seniors are required to complete a minimum of 20 hours of Christian service each year. Students may choose to volunteer at such locations as food banks, churches, hospitals, schools, nursing homes or any direct volunteer activity that provides a positive contribution to the community. At the end of each year, students will be required to share their reflections on the insights they gained through their service and connect such reflections to the Lasallian call to justice for all humans.

Course Title: **THEOLOGY 9**
Course Number: 112 - ACP
Course Length: Year
Course Credit: One
Grade Level: Freshmen

This comprehensive course explains God reveals the truth about Himself to us, and how He wants us to live, in Sacred Scriptures—the Bible. The Word of God can support us in difficult times, guide us in making good decisions and unite us as children of God. Spending time with Scriptures also brings us closer to God. As Catholics, we view the Word of God as integral to our everyday lives. Reading, studying and praying the Scriptures makes the most ordinary moments of our lives extraordinary! The second person of the Trinity is God the Son, who assumed human nature for our salvation. Jesus Christ is at once truly God and truly human. His birth brought humanity closer to God than we would otherwise have been able to be. In him, we can see God's face, to renew our relationship with God and can even share in His divine nature.

Course Title: **THEOLOGY 10**
Course Number: 122 - ACP
Course Length: Year
Course Credit: One
Grade Level: Sophomores

The Paschal Mystery is the name given to God's plan for our salvation. He sent a Messiah to fully restore humanity's original holiness and we are called to play an active part in that restoration. Students will develop a deeper understanding of the New Testament and the Catholic approach to Scripture by examining the relationship between the Old Testament and the New, as well as the essential role of Scripture in the life of the Christian community. Students will study the development of the New Testament canon then delve into the history and Christology of the New Testament.

Course Title: **THEOLOGY 11**
Course Number: 134 - ACP
Course Length: Year
Course Credit: One
Grade Level: Juniors

This course examines the origins of the Catholic Church, tracks its development throughout history, and explores its direction in modernity, beginning with the Ascension, through Vatican Councils I and II and the Church today. It offers an accurate overview of Church history, correcting many major misapprehensions, then explores how Christ's life and teaching is the fulfillment of the Old Law summarized in the 10 Commandments. The New Law of Christ calls us to go beyond keeping moral minimums and to love God, neighbor, and self with all our being.

Course Title: **THEOLOGY 12**
Course Number: 144 - ACP
Course Length: Year
Course Credit: One
Grade Level: Seniors

This course provides a survey of the origins, beliefs, values and practices of the major Christian traditions and non-Christian religions. Differences and similarities of systems of belief and worship are explored to foster a greater understanding and appreciation of the student's own faith and that of others. Students are then introduced to the Church's social teaching and learn how Christ's concern for others, especially the poor and needy, is present today in the Church. It is designed to broaden the social consciousness of every senior through examination of contemporary social justice issues.

ENGLISH DEPARTMENT

Course Title: **ENGLISH 9: LANGUAGE ARTS/LITERATURE I**
Course Number: 210 – Honors 211 – ACP 212 – CP
Course Length: Year
Course Credit: One
Grade Level: Freshmen

Students begin a four-year program that introduces them to literary analysis and analytical writing. Using technology to draft, edit, and revise, students complete several pieces of writing that require critical thinking skills. Through the study of novels, short stories, poetry, plays, and nonfiction from around the world, students integrate language skills, vocabulary study, and reading comprehension necessary for success on the PSAT/SAT and entrance into college. Students are also required to complete a summer reading assignment.

Course Title: **ENGLISH 9: WRITING AND COMPOSITION**
Course Number: 217 - CP
Course Length: Year
Course Credit: One-half
Grade Level: Freshmen (CP Level only -- This class will meet opposite Algebra Concepts & Applications)

The Composition section of ENG 9 CP is designed to improve students writing skills. Students enrolled in this course benefit from an intensive writing class to address gaps in student learning. The course reasserts basic writing mechanics including grammar, spelling, and sentence structure. Students write in a variety of forms and genres, including short poetry and expanded essay compositions. All student writing centers on the student writer's ability to determine a claim and produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. Through extensive examination and practice of the writing process and its application to a variety of tasks, student writers develop writing skills necessary for matriculation into the ACP level.

Course Title: **ENGLISH 10: AMERICAN LITERATURE AND LANGUAGE ARTS**
Course Number: 220 – Honors 221 – ACP 222 – CP
Course Length: Year
Course Credit: One
Prerequisite: English 9
Grade Level: Sophomores

Students continue to work on essays of critical literary analysis, using technology to draft, revise, and edit their work. Through reading and analysis of American literature, with an emphasis on the American novel, students integrate language skills, vocabulary study, and reading comprehension with a focus on preparation for the SAT and entrance into college. Students are also required to complete a summer reading assignment.

Course Title: **ENGLISH 11: BRITISH LITERATURE AND LANGUAGE ARTS**
Course Number: 230 – Honors 231 – ACP
Course Length: Year
Course Credit: One
Prerequisite: English 10
Grade Level: Juniors

Students continue to work on several types of writing using technology to draft, revise, and edit their work. Through the study of British literature, students integrate language skills, vocabulary skills and reading comprehension necessary for success on the SAT and entrance into college. Students read British novels and plays, including *Macbeth*. Students are also required to complete a summer reading assignment

Course Title: **AP LANGUAGE AND COMPOSITION**
Course Number: 239-AP
Course Length: Year
Course Credit: One
Prerequisite: English 10
Grade Level: Juniors

The Advanced Placement (AP) class in English is for those students who wish to seek college credit for studies in English during their junior year. Successful completion of the year of study provides the student with the required high school credit for graduation while preparing him/her for a special examination administered in the spring. The student who is successful at this examination will also earn college credit (depending on the college). These credits may be applied to an institution of higher learning. The scope, breadth, and depth of the course are far more extensive and demanding than that of an honors class. Students will become skilled in reading prose written in various styles, disciplines, and rhetorical contexts. They will look closely at author's language use and produce explanatory, analytical, and argumentative essays. Students will learn how to develop a main idea using evidence from primary and secondary texts.

Course Title: **ENGLISH 12: WORLD LITERATURE AND LANGUAGE ARTS**
Course Number: 240 – Honors 241 – ACP
Course Length: Year
Course Credit: One
Prerequisite: English 11
Grade Level: Seniors

Students continue to work on several types of writing using technology to draft, revise, and edit their work. Through the study of world literature, students integrate language skills, vocabulary skills and reading comprehension necessary for success on the SAT and entrance into college. Students read contemporary novels and plays, along with current magazine and newspaper articles. Students are also required to complete a summer reading assignment.

Course Title: **AP LITERATURE AND COMPOSITION**
Course Number: 249 - AP
Course Length: Year
Course Credit: One
Prerequisite: English 11
Grade Level: Seniors

The advanced placement (AP) class in English is open to students who wish to seek college credit for studies in English during their senior year. Successful completion of the year of study provides the student with the required high school credit for graduation while preparing him/her for a special examination administered in the spring. The student who is successful at this examination will also earn college credit (depending on the college). These credits may be applied to an institution of higher learning. The scope, breadth, and depth of the course are far more extensive and demanding than that of an honors class. Students will be responsible for independent reading, thoughtful class discussion, and several papers of literary analysis, as well as extensive summer reading.

Course Title: **ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)**
Course Number: 215 - ACP
Course Length: Minimum of one semester or full year, dependent upon English proficiency
Course Credit: One-half per semester
Prerequisite: International student or native speaker who may not be proficient in English
Grade Level: Freshmen and sophomores

ENGLISH DEPARTMENT ELECTIVES

Course Title: **PUBLIC SPEAKING**
Course Number: 243 - ACP
Course length: One semester
Course credit: One-half
Grade level: Juniors and Seniors

Students who have had difficulty organizing and expressing themselves in written form will benefit from this elective course. Repeating the writing process as presented in their English classes, students will learn how to creatively write a variety of presentations that are descriptive, expository, and persuasive in nature. Students will also learn the rudiments of public speaking—presentations, content, and organization—that are necessary for success on the college level. By the conclusion of the course, students will have improved both their techniques and enjoyment of written and oral communication.

Course Title: **CREATIVE WRITING**
Course Number: 245 - ACP
Course Length: One semester
Course Credit: One-half
Grade Level: Junior or Seniors

This course will introduce students to the principles and skills of poetry and fiction writing. In the first quarter, we will work on refining our writing skills by focusing on writing poetry. In the second quarter, we will apply those skills to writing fiction, in particular, the short story. Throughout, we will focus on using such techniques as description, point of view, character and plot development, and showing, not telling, the theme of a story or poem. This course will allow serious writers to hone their skills, while teaching armchair writers more about literature in general by asking them to see poems and stories from the perspective of a writer.

MATHEMATICS DEPARTMENT

****Please note that for the 2018-19 school year, the sequence of math classes has been revised to support the changes in the PSAT and SAT testing demands. ****

Incoming Freshmen and/or transfer student may take a placement test to determine proper level/class.

Course Title: **ALGEBRA I**
Course Number: 310 - Honors 311 – ACP 316-CP
Course Length: Year
Course Credit: One
Grade Level: Freshmen

This course will introduce the student to the basic language of algebra. Students will explore expressions, equations, functions, rational numbers, and polynomials. Students will learn how to solve linear equations, use proportional reasoning and factoring, graph relations and functions, and analyze and solve linear equations. Word problems related to these topics will be included throughout the course. Students will use hands-on materials and calculators when needed in solving and graphing functions where the algebra concepts are applied. Students who complete Algebra I will take Algebra II the following year.

Course: **ALGEBRA CONCEPT & APPLICATIONS**
Course Number: 317-CP
Course Length: Year
Course Credit: One-half
Grade Level: Freshmen

This course offers a student additional time to develop their algebra skills which is primarily taught in Algebra I CP. Topics include operations on real numbers, graphing linear equations, solving linear equations, writing the equation of a line, linear systems, and their applications. This course runs concurrently with Algebra 1 CP.

Course Title: **ALGEBRA I, Part II**
Course Number: 313 – CP
Course Length: Year
Course Credit: One
Pre-Requisite: Algebra I, Part I
Grade Level: Sophomores

This course is designed to complete the study of Algebra I introduced in Algebra I, Part I. Upon completion of the Algebra I concepts, there will be an introduction to the basics of geometry. The student will have the equivalent of one full year of Algebra I taken at the B level and have a foundation for a full year study of geometry, after the school year. Students who complete Algebra I Part 2 will take Algebra II the following year.

Course Title: **ALGEBRA II**
Course Number: 320 – Honors 321 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: A full course in Algebra I or Algebra I, Part II
Grade Level: Freshmen/Sophomores/Juniors

The course is designed to develop the student's algebra skills such as in understanding, solving and analyzing systems of equations, quadratics functions, advanced polynomials, imaginary and complex numbers, rational expressions, powers, roots, radicals, exponential functions and introduces matrices and their properties. The content of this course is important for students' success on both the ACT and SAT as well as to prepare students for college mathematics entrance exams. Students are **strongly advised** to purchase a graphic calculator –TI-83 Plus or TI-84 is preferred. Students who complete Algebra II will take Geometry following year.

Course Title: **GEOMETRY**
Course Number: 330 – Honors 331 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Algebra II
Grade Level: Juniors/Seniors

This course offers an in-depth study of geometry in areas of congruence, similarity, perpendicular and parallel lines, plane figure analysis, and coordinate geometry. Students will identify and apply right triangles and trigonometry, and will analyze circles. Formal proofs are also introduced. Honors level classes will study trigonometric functions more in-depth. This topic requires understanding of definitions, postulates and theorems, logical thinking and deductive reasoning. Students who complete Geometry will take Pre-Calculus, Calculus following year.

Course Title: **PRE-CALCULUS**
Course Number: 341 – Honors 340 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Algebra II and Geometry
Grade Level: Juniors/Seniors

This course is designed to enhance the student's algebraic understanding by utilizing the four methods to evaluate and analyze functions: graphically, numerically, analytically, and verbally. Students will use these four methods to study trigonometry, as well as advanced algebra, theory of equations, and analytic geometry.

Course Title: **ADVANCED PLACEMENT CALCULUS AB**
Course Number: 345 - AP
Course Length: Year
Course Credit: One
Pre-Requisite: Pre-Calculus
Grade Level: Juniors/Seniors

This course introduces students to the theory and application of differential and integral calculus of a single variable. An emphasis will be placed on developing an intuitive understanding of the principles of calculus. Topics that are covered include limits and its properties, differentiation and its applications, logarithmic functions, exponential functions, and various integration techniques. Students then take the AP Calculus AB examination in May, which determines college placement and/or credit.

Course Title: **ADVANCED PLACEMENT CALCULUS BC**
Course Number: 355-AP
Course Length: Year
Course Credit: One
Pre-Requisite: Calculus Honors
Grade Level: Juniors/Seniors

This course follows the BC Calculus syllabus of the Advanced Placement program. AP Calculus BC is an extension of AP Calculus AB: the difference between them is scope, not level of difficulty. It covers roughly two semesters of traditional college calculus. Students must be highly motivated, well prepared, and highly recommended. Topics considered include limits, derivatives, integrals, applications, and special techniques, as well as units on parametric, polar, and vector representations, sequences and series and differential equations. Students who complete this course will take the AP Calculus BC exam in May, which determines college placement.

Course Title: **STATISTICS**
Course Number: 343 - ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: Departmental Placement
Grade Level: Seniors

This course introduces the student to the description, analysis, and presentation of data, and interference of data. What do these data mean? What can be conjectured about the future based on these data? The course requires strong mathematical skills and interest. A TI-84 or TI-83 graphing calculator required.

Course Title: **PROBABILITY**
Course Number: 351-ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: Departmental Placement
Grade Level: Seniors

This course introduces the student to the description, analysis, and presentation of data, and interference of data. What do these data mean? What can be conjectured about the future based on these data? The course requires strong mathematical skills and interest. A TI-84 or TI-83 graphing calculator required.

SCIENCE DEPARTMENT

Course Title: **BIOLOGY**
Course Number: 420 – Honors 421 – ACP 412 – CP
Course Length: Year
Course Credit: One
Pre-Requisite: None
Grade Level: Freshmen or applicable transfer students

Biology is a one-year course that introduces the student to the study of life. Through lecture and laboratory activities, the student becomes acquainted with basic biological concepts and principles. Topics include the diversity of life, biochemical and structural basis of living organism, cell metabolism, and genetic continuity and mechanisms. The topics to be discussed and viewed will deal primarily with the cell, representative invertebrates and vertebrates, and a survey of human biology.

Course Title: **CHEMISTRY**
Course Number: 435 – EEP/Honors 431 – ACP 432--CP
Course Length: Year
Course Credit: One
Pre-Requisite: Biology
Grade Level: Sophomores or applicable transfer students

Chemistry is the science that examines the structure of matter, its properties, and the changes it undergoes. In this course, the student will make use of both experiment and theory to gain a better understanding of the nature of matter. This course presents discussions dealing with measurement, elements, mixtures and compounds, formulas and equation, chemical reactions, the use of the periodic table, and the mole concept. The Honors and Advanced College Prep (ACP) sections place greater emphasis on mathematical concepts.

Course Title: **PHYSICS HONORS**
Course Number: 442– Honors
Course Length: Year
Course Credit: One
Pre-Requisite: Biology Honors, Chemistry Honors, Algebra I, and Geometry,
Grade Level: Juniors/Seniors

Physics Honors/EEP introduces the student to the basic concepts and principles of Newtonian mechanics (force-motion energy relationships), thermal physics (phase changes, heat transfer, thermodynamics), wave motion (sound, light, optics), and of electricity and magnetism. Laboratory work provides opportunities to demonstrate principles and investigate practical applications. All laboratory work is hands on applications of course topics.

Course Title: **PHYSICS**
Course Number: 441 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Biology and Chemistry
Grade Level: Juniors/Seniors

Physics ACP introduces the students to the basic concepts and analysis of force-motion-energy relationships, thermal physics, wave motion (sound, light, optics), and of electricity and magnetism. Laboratory work provides opportunities to demonstrate principles and investigate practical applications. A hands-on approach is employed using basic mathematical skills.

Grades 11/12 (Students taking 2 AP Science courses may defer from taking Physics).

SCIENCE DEPARTMENT ELECTIVES

Course Title: **ANATOMY**
Course Number: 444 – ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: None
Grade Level: Seniors

This course is designed to familiarize the student with the structure and function of the human body. It is a comprehensive survey course which examines each of the body system and related pathology. Points of interest will include the effects of tobacco, alcohol and other drugs on the body. A highlight of the course is a field trip to the University of Rhode Island Physical Therapy Lab and viewing cadavers.

Course Title: **FORENSIC SCIENCE**
Course Number: 447 – ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: Biology and Chemistry
Grade Level: Seniors

Forensic Science is a semester-long laboratory elective that discusses the relationship between science and a court of law. Topics will include evidence collection, hair and fiber analysis, fingerprinting, DNA evidence, tool markings, crime scene processing, and other forms of physical evidence. At the completion of the course, students will have knowledge of the types of evidence, how evidence can be used to convict or exonerate a suspect, and the laboratory skills involved in processing evidence.

Course Title: **ADVANCED PLACEMENT BIOLOGY**
Course Number: 425 - AP
Course Length: Year
Credit: One
Pre-Requisite: Biology and Chemistry
Grade Level: Juniors/Seniors

Advanced Placement Biology is a continuation of Biology Honors. While the student continues the topics covered in Biology Honors and proceeds to a mastery of the material that will be included on the AP Biology exam administered in the spring, the focus will be on laboratory experience which requires a thorough knowledge of chemistry. Students receiving a qualifying grade on the exam normally are eligible for course credit at many colleges and universities. **Independent study, including a summer assignment, and before/after school lab time will be required.**

Course Title: **ANATOMY/PHYSIOLOGY**
Course Number: 446-ACP
Course Length: Year
Course Credit: One
Prerequisite: None
Grade Level: Juniors/Seniors

This **full-year** course is designed to be a detailed study of the structures and functions of the human body. The course will present information on diseases and disorders and explain how pathologies relate to normal physiological function. The course will also explore interesting medical and social topics. The intention of this course is to serve as a strong foundation for future college coursework in a medical program, possibly leading to a healthcare career. A highlight of this course is a field trip to the University of Rhode Island Physical Therapy Lab and viewing cadavers.

Course Title: **AP CHEMISTRY (will be offered alternating years with AP Environmental Science)**
Course Number: 439-AP
Course Length: Year
Course Credit: One
Prerequisite: Algebra II and Chemistry
Grade Level: Juniors/Seniors

Advanced Placement Chemistry is a second-year course designed to meet the needs of the advanced science-oriented student. This course is equivalent to college freshman general chemistry courses. Texts, documents and a rigorous pace will be utilized correlating to the standards and expectations established by the College Board for Advanced Placement study in this discipline, as revised for the 2013-14 school year. A direct goal of this course is success on the Advanced Placement Exam given in May, which may lead to college credit. Content emphasis is on the six Big Ideas and seven Science Practices as described in the AP Chemistry Course Description. Further information can be found at www.collegeboard.com.

Due to the complex and lengthy labs performed in the course, students should be prepared to spend extra time beyond the regular class period. A minimum of 16 lab activities will be performed to apply and underscore chemical knowledge and to illustrate good lab practices. Independent study, including a summer assignment, and before/afterschool lab time will be required.

Students are required to sit for the AP exam in May. A registration fee is required for the AP exam.

Course Title: **AP ENVIRONMENTAL SCIENCE**
Course Number: 449
Course Length: Year
Course Credit: One
Prerequisite: Due to the quantitative analysis required in the course, students should have taken at least one year of Algebra as well as Biology and Chemistry.
Grade Level: Juniors /Seniors

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Due to the quantitative analysis required in the course, students should have taken at least one year of algebra as well as biology and chemistry.

FOREIGN LANGUAGE DEPARTMENT

Please note: Incoming freshmen who have had previous exposure to French or Spanish will be administered an assessment exam to ensure proper placement.

It is the objective of the Foreign Language department to offer students a language program that is challenging, fulfilling and suited to the needs of our diverse student body.

Therefore, our levels are designed accordingly:

- Level 1 Grade level: Freshmen, sophomores, or juniors
- Level 2 Grade level: Freshmen, sophomores, juniors or seniors
- Level 3 Grade level: Freshmen, sophomores, juniors or seniors
- Level 4 Grade level: Sophomores, juniors or seniors
- Level 5 Grade level: Juniors and seniors

Course Title: **FRENCH I**
Course Number: 510 – Honors 511 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: None

Much emphasis is placed on the acquisition of listening and speaking skills, as well as on reading and writing. Students learn elementary grammar points and acquire a vocabulary that covers such immediate needs as greetings, months, colors, weather, basic objects, and the like. Students also begin the study of Francophone civilizations, both past and present.

Course Title: **FRENCH II**
Course Number: 520 – Honors 521 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Completion of French I

Students continue their development of the four communication skills: listening, speaking, reading and writing. Grammar becomes more complex and includes knowledge of various tenses. There is great emphasis on the acquisition of new verbs and vocabulary. Students also continue to broaden their knowledge of Francophone cultures and civilization, along with readings in the target language.

Course Title: **FRENCH III**
Course Number: 530 – Honors 531 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Completion of French II

Students learn complex grammar points, a variety of verb tenses, and new vocabulary, all of which they are expected to begin to use more proficiently in the four areas of communication. All communication and instruction in the **target** language increases in this level, along with more in-depth study of French History and civilization.

Course Title: **FRENCH IV**
Course Number: 542 – Honors/EEP 541 - ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Completion of French III

Students review grammar and verb tenses, which they are expected to use more proficiently in the four areas of communication. Role playing and oral presentations are an integral part of expanding verbal communication

skills. Students read *Le Petit Prince* and works and articles by other francophone authors and experts, along with watching and discussing authentic French video clips.

Course Title: **AP FRENCH - Will be offered as a "Virtual HS" opportunity to any interested student.**
Course Number: AP
Course Length: Year
Course Credit: One
Pre-Requisite: French IV

Students in AP French are expected to perform at an advanced level in all areas of communication. The class is conducted primarily in the target language. The framework of the class is in accordance with the AP French Language and Culture Curriculum. There are six primary learning objective areas within the three modes of communication: Interpersonal, Interpretive and Presentational. The following six thematic units are addressed: Global Challenges, Science and Technology, Contemporary life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students will take the AP French Language and Culture Exam in May.

Course Title: **SPANISH I**
Course Number: 551 – Honors 552 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: None

This course is designed for students to acquire a second language. Students who enroll in this course should have minimal or no exposure to Spanish. Students will learn elementary grammar points and acquire basic vocabulary that covers greetings, months, colors, weather, basic objects and the like. Students will also begin to learn about Hispanic culture and civilization both past and present.

Course Title: **SPANISH II**
Course Number: 561 – Honors 562 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Completion of Spanish I

This course is designed for students who have successfully completed level 1 of Spanish or who have had a limited exposure to Spanish in middle school or outside the classroom. This course is not designed for students who are fluent in the language. The course continues to develop the four communication skills. Grammar becomes more complex and includes knowledge of various tenses. The study of Hispanic culture and civilization continues

Course Title: **SPANISH III (HONORS)**
Course Number: 570 – Honors
Course Length: Year
Course Credit: One
Pre-Requisite: Completion of Spanish II Honors

Students learn complex grammar points, a variety of verb tenses, and new vocabulary, all of which they are expected to begin to use more proficiently in the four areas of communication. The study of Hispanic culture and civilization continues.

Course Title: **SPANISH III (ACP)**
Course Number: 571 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: Completion of Spanish II ACP

Students will increase their knowledge of Spanish grammar and verbs and they acquire new vocabulary, all of which they are expected to begin to use more proficiently in the four areas of communication. They also continue to become more familiar with Hispanic culture and civilization.

Course Title: **SPANISH IV**
Course Level: 580 – Honors /EEP
Course Number: Year
Course Credit: One
Pre- Requisite: Completion of Spanish III Honors

Students review grammar and verb tenses and are introduced to new, more complex structures that they are expected to use more proficiently in the four areas of communication. They complete an in-depth study of Hispanic culture and civilization, as well as an introduction to Hispanic literature. Students have the option of receiving college credit for this course through the Early Enrollment Program at Rhode Island College.

Course Title: **SPANISH IV (ACP)**

Course Number: 581 – ACP

Course Length: Year

Course Credit: One

Pre-Requisite: Completion of Spanish III ACP

This course is designed for those students who have completed Spanish III ACP. They learn more complex grammar points and a variety of new verb tenses, as well as new vocabulary that they are expected to use more proficiently in the four areas of communication. They also continue their study of Hispanic culture and civilization.

Course Title: **SPANISH V**

Course Number: 590 – Honors

Course Length: Year

Course Credit: One

Pre-Requisite: Completion of Spanish IV HON

This course is designed as a continuation of Spanish IV HON. Much of the course maybe completed through independent study. Study of Hispanic culture is continued through short stories, novels and films. Units on specialized vocabulary such as Spanish for Business or Spanish for the Medical Field may be studied. Advanced grammar points are reviewed and students are expected to perform at an advanced level in all four forms of communication: speaking, listening, reading and writing. Students have the option of receiving college credit through the Early Enrollment Program at Rhode Island College.

****AP SPANISH will be offered as a “Virtual HS” opportunity to any student who has passed Spanish V and is interested in pursuing an additional Spanish class. ****

SOCIAL STUDIES DEPARTMENT

Course Title: **WORLD CULTURES AND CIVILIZATIONS**
Course Number: 616-Honors 614-ACP 613-CP
Course Length: Year
Course Credit: One
Grade Level: Freshmen

This course will introduce students to the basic concepts of geography and social studies. Students will become familiar with the early civilizations of Greece and Rome and will continue the study of Western society through the Middle Ages up to the 19th century. The major political, social, and intellectual movements will be covered with attention given to map work and projects. Research, reading, and writing skills will be immersed into the course.

Course Title: **U.S. HISTORY I**
Course Number: 626 – Honors 624 – ACP 623 – CP
Course Length: Year
Course Credit: One
Grade Level: Sophomores

This year-long course will serve as an introduction to the major principles of United States history from Pre-Columbian America (beginning in approx. 500 BC) through Reconstruction (1877 AD). This course will emphasize civics through a unit of study on American government. It will also focus on a critical examination of primary and secondary sources. Students will be required to complete researched-based projects and essays. Following this course, students will continue their study of American history in U.S. History II.

Course Title: **UNITED STATES HISTORY II**
Course Number: 636- Honors 634 – ACP
Course Length: Year
Course Credit: One
Pre-Requisite: U.S. History I
Grade Level: Juniors

This year-long course will expand on the students' prior learning of United States history. This curriculum includes the history of the United States from the rise of Industrialization (1877 AD) through the modern era (2000s). This course will also particularly emphasize American relations with European nations and other world powers, as well as the rise of American politics in the global sphere. It will also as focus on a critical examination of primary and secondary sources. Students will be required to complete researched-based projects and essays.

Course Title: **AP U.S. HISTORY**
Course Number: 635-AP
Course Length: Year
Course Credit: One
Grade Level: Junior

The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course to make connections among historical developments in different times and places. Students MUST take AP exam in May.

SOCIAL STUDIES ELECTIVES

Course Title: **PSYCHOLOGY I – General Topics in Psychology**
Course Number: 643 - ACP
Course Length: Semester
Course Credit: One-half
Prerequisite: None
Grade Level: Seniors

This course is a basic introduction to psychology that focuses on the following areas: experimental methods, infant and child development, adolescent development, learning theories, sensation and perception.

Course Title: **PSYCHOLOGY II – Behavioral Theories and Disorders**
Course Number: 644 - ACP
Course Length: Semester
Course Credit: One-half
Prerequisite: None
Grade Level: Seniors

This course is a basic introduction to psychology that focuses on personality theories and disorders. Research papers and outside reading will be required. Psychology I is not needed to take this course.

Course Title: **AP PSYCHOLOGY**
Course Number: 649-AP
Course Length: Year
Course Credit: One
Grade Level: Seniors

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The aim of the course is to provide students with a learning experience equivalent to that obtained in most college introductory psychology courses. Students will be expected to take the College Board AP Exam in May.

Course Title: **AP U.S. HISTORY**
Course Number: 635-AP
Course Length: Year
Course Credit: One
Grade Level: Junior

The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course to make connections among historical developments in different times and places. Students MUST take AP exam in May.

Course Title: **AMERICAN GOVERNMENT**
Course Number: 645 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course emphasizes the foundations of government, institutions of government, and political behavior in the United States. The course begins with review and study of the Constitution and political landscape. Later, focus will be given to political behaviors---including an in-depth look at political parties, voting, elections, and the campaign process. Students are expected to read and analyze current events for points of discussion and papers.

Course Title: **AP HUMAN GEOGRAPHY**
Course Number: 629
Course Length: Year
Course Credit: One
Grade Level: Sophomores (In place of U.S. History 1)

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students entering this course should be able to read and comprehend college level texts as well as be able to think critically by synthesizing a wide variety of information and perspectives from many different sources. Students need to possess advanced writing skills in composition and inquiry while being able to clearly "articulate their summaries, analyses, interpretations and evaluations of information."

Course Title: **MODERN EUROPEAN HISTORY**
Course Number: 647 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Junior/Seniors

This course will allow students to examine the many facets that contribute to shaping the course of modern European nations including political, military, religious and geographical reform. Students will examine the revolutions that took place in France, Italy, Germany and Russia that changed the nature of government in those countries as well as the impact that these revolutions had upon other European nations at the time. Students will become acquainted with the writings of social critics such as John Locke, Jean Jacques Rousseau, Voltaire and Charles Dickens. This course will study the impact of two world wars and the reasons for the implementation of the European Union during the late 20th century and status of European nations on a global scale in the 21st century.

Course Title: **WORLD HISTORY THROUGH FILM**
Course Number: 646 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course is designed to examine some basic concepts in World History using films. Such topics as Imperialism, Militarism, Revolution, Religious Protest, Exploration, Ethnic Cleansing, Slavery, Totalitarianism and Communism may be covered.

Course Title: **SOCIOLOGY**
Course Number: 642 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course is an introduction and general overview of sociological theories and practices. The course will deal with how people relate to one another as members of groups. Areas of study include cultural variation and change, social interaction, social stratification and socialization. Students will be introduced to many current social issues, including education, poverty, gender, health care, aging, crime and diversity. Outside readings, participation in live simulations, and a research paper will be required.

BUSINESS AND COMPUTER TECHNOLOGY DEPARTMENT

Course Title: **COMPUTER APPLICATIONS I**
Course Number: 700 - ACP
Course Length: Semester
Course Credit: One-quarter
Grade Level: Freshmen

This course is designed to introduce students to the computer as a tool for personal and business use. Course work will include the following areas: internal school system to access student assignments and grades, prepare students to use the new computer devices, online preparation for Office 365, One Note, Office Mix, MS Office Suite, email basics and the Internet. This course is aligned with our new one-to-one initiative.

Course Title: **ADVANCED COMPUTER APPLICATIONS (Independent Study)**
Course Number: 702 - ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: **Permission of Instructor and completion of Computer Applications 1**

This hands-on course instructs students in advanced applications of Word, Access, Excel, PowerPoint and/or other demonstration software. Independent learning will be emphasized. Independent study will be required. Exam is a major project: completed on-screen presentation.

Course Title: **INTRODUCTION TO COMPUTER PROGRAMMING**
Course Number: 770 - ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: Algebra II or Instructor Exception
Grade Level: Juniors/Seniors

This project-based course will introduce students to principles of computer programming and develop skills for writing and designing simple programs. Students will learn how to write basic code in the Python computer language to create demonstrations and tools. In the capstone project, students will create a unique program of their own design.

Course Title: **FBLA/BUSINESS LEADERSHIP**
Course Number: 716 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business, with a focus on decision-making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized. Students will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and **apply those skills through the operations of the school store.**

Students will have the opportunity to join FBLA; Future Business Leaders of America is a non-profit educational association of students preparing for careers in business and business-related fields. Through state-based competitions in the spring, students can compete in events testing their business knowledge and skills. Top state winners are then eligible to compete for national awards at the National Leadership Conference.

Course Title: **GENERAL ACCOUNTING**
Course Number: 712 – ACP
Course Length: Year
Course Credit: One
Grade Level: Juniors/Seniors

Provides a general view of the accounting field. Practice is provided in recording business transactions in a variety of small business organization situations. Emphasis is placed on a single proprietorship. Course curriculum is designed to provide students a strong foundation in accounting principles. Students will learn what business transactions are and how accountants use a double-entry system (debits and credits) to keep track of these transactions. Next students will study the complete accounting cycle of recording transactions, preparing financial statements, and “closing the books” for small, single-owner service and merchandising businesses. This course prepares students for post-secondary accounting courses.

Course Title: **ACCOUNTING I**
Course Number: 710 – ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course is designed to teach basics of accounting from trial balance all the way to closing financial statements. In addition, we will cover payroll and taxes. Emphasis is placed on the mastery of basic accounting concepts and procedures. Mathematical, critical thinking, problem solving, and decision making are reinforced in this course.

Course Title: **PRINCIPLES OF MANAGEMENT**
Course Number: 752 -- ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course is designed to familiarize students with the characteristics, organization, and operation of a business. Real-life scenarios, realistic business situations, and real-world information are used to give students an understanding of the way business works as it develops their technical knowledge and competence. Ethical and legal considerations affecting business activities are stressed, and students develop managerial and supervisory skills through interaction with fellow student comprised teams. Ending project: Students must outline, compose and then produce a business plan for their own business.

Course Title: **SPORTS AND ENTERTAINMENT MARKETING**
Course Number: 760 – ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course examines marketing of sports and sports entertainment as well as the world of entertainment marketing. Topics will include the connections and contrasts between sports and entertainment, basic of marketing, market research, sponsorship, licensing and promotion of sports and entertainment products and services. Knowledge will be demonstrated through worksheets, lesson quizzes/tests, and a cumulative project as the final exam (final paper, scale model of business with hard copy documentation explaining the model, or electronic presentation).

Course Title: **PERSONAL FINANCE**
Course Number: 711 – ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course is a survey of topics of interest to the high school consumer. Topics include budgeting, explaining a pay check and deductions of same, financial institutions, basic income tax, credit, consumer protection, insurance, house purchase, retirement planning, estate planning, investing, and consumer purchases such as large item purchases (auto, home) and credit score information.

Course Title: **BUSINESS COMMUNICATION/PERSONAL DEVELOPMENT**
Course Number: 713 – ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course provides strategies for personal and professional development and written, oral and nonverbal communications. Topics include business etiquette, personal appearance, interviewing techniques, development of a self-concept application of communication principles to produce clear, correct and organized faxes, email, memos, letters, resumes, reports, and other business communications.

Course Title: **BUSINESS JOURNALISM REPORTING**

Course Number: 714 – ACP

Course Length: Semester

Course Credit: One-half

Grade Level: Juniors/Seniors

This course will involve extensive reading in terms of current events, the history of journalism, and present practices. Students will also write daily. This will include informal writing on a class blog, composing editorial-like reports through their reading and interviewing of people who are able to give information regarding particular topics, and in response to assigned article readings. Students are expected to produce a variety of reports (national news, local news, consumer information, etc., as covered in local and large area newspapers). Finally, students will be expected to interact through participation in whole class discussions of news topics, working in small groups and informally assisting one another in various aspects of news production.

Course Title: **BUSINESS LAW/CRIMINAL LAW**

Course Number: 715 - ACP

Course Length: Semester

Course Credit: One-half (One quarter each)

Grade Level: Juniors or Seniors

This course is designed to give the student a basic understanding of business relationships and contracts that he/she will encounter throughout his/her lifetime. Introduction to Constitutional, civil, and criminal law is presented in the first quarter, and the next quarter deals with contract law. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are carried out, students become more informed and responsible citizens. This course may have some assignments worked together with the Forensics class (science dept.).

Course Title: **MICROSOFT OFFICE WORD**

Course Number: 705 - ACP

Course length: Semester (3-day cycle)

Course credit: One-quarter

Grade Level: Sophomores, juniors, seniors

This course is designed for students who would like more experience with elements of Microsoft Word including: core operations, creating and editing a document, formatting, inserting graphic objects, proofing, customizing, etc. as well as understanding the Word 2013 features--Learning how to use the Ribbon, learning and using the "traditional" features of the Ribbon, and learning and using as many of the lesser used features of the Ribbon.

Course Title: **MICROSOFT EXCEL**

Course Number: 706 - ACP

Course Length: Semester (3-day cycle)

Course credit: One-quarter

Grade Level: Sophomores, juniors, seniors

This course is designed for students who are interested in expanding their knowledge of Microsoft Excel features including: functions and operations, creating spreadsheets, formatting worksheets, creating and applying templates, data formatting and other exciting features that will assist you in your work.

Course Title: **BUSINESS MATH**

Course Number: 740 – ACP

Course length: Semester

Credit: One-half

Grade Level: Seniors

This course is designed to enable students to learn and apply mathematics skills to a business setting. Students will be taught through a combination of lecture, discussion, demonstrating, exercises, labs, projects, and simulations. Apply basic mathematical operations to solve problems regarding topics: taxation, savings and investments, payroll records, cash management, financial statements, credit management, purchases, sales, inventory records, depreciation, cost recovery, and depletion.

VISUAL ARTS ELECTIVES

Course Title: **FOUNDATIONS OF ART**
Course Number: 818 - ACP
Course Length: Semester (3-day cycle)
Course Credit: One-quarter
Grade Level: Freshmen

This class is designed to provide an overview of the arts through a variety of art techniques and materials. Students will work on hands-on projects in drawing, painting, printmaking and sculpture. This course serves as a stimulus for further involvement in the visual arts.

Course Title: **INTRODUCTION TO GRAPHIC DESIGN**
Course Number: 819 - ACP
Course Length: Semester (3-day cycle)
Course Credit: One-quarter
Grade Level: Freshmen/Sophomores

This class teaches the basics of graphic design through hands-on projects and research in the Mac Lab. Students will explore various methods used to create and combine text, symbols and images in communicating ideas and messages. Students will learn the theories of graphic design while producing real world projects.

Course Title: **VISUAL STUDIES**
Course Number: 821 - ACP
Course Length: Semester (3-day cycle)
Course Credit: One-quarter
Grade Level: Freshmen

This one-semester art class is designed for the non-art student. No previous art or drawing skills are necessary. This course will introduce students to visual design skills that are used in daily living. Students will have the opportunity to work with a variety of art materials and will complete lessons that are designed to enhance the creative thinking process.

Course Title: **DRAWING AND PAINTING I**
Course Number: 800 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This class focuses on 2-dimensional art processes of drawing and painting. Students will learn basic drawing and painting skills as well as the techniques of printmaking and collage. The elements and principles of design will be incorporated into assignments and students will learn to develop their creativity and technical proficiency.

Course Title: **DRAWING AND PAINTING II (Independent Study)**
Course Number: 810 - ACP
Course Length: Semester
Course Credit: One-half
Pre-Requisite: Drawing and Painting I and **permission of instructor**
Grade Level: Juniors/Seniors

This course is designed for students who like to draw and paint and have experience or ability in art. A wide range of assignments will encourage the exploration of a personal direction in art. Materials will include pencil, charcoal, pastel, watercolor, tempera, and acrylic paints. Independent study will be required.

Course Title: **SCULPTURE**
Course Number: 825 - ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This class is an overview of basic skills used to create three-dimensional works of art. With an emphasis on studio production, this course is designed to develop higher-level thinking, technology skill, art criticism, art history, and aesthetics. Students will work with wire, paper, plaster, recycled supplies and clay and learn the sculpture processes of carving, casting, modeling and assemblage.

Course Title: **DIGITAL ART AND DESIGN**
Course Number: 804-ACP
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course introduces the computer technology of Adobe Creative Suite to produce artistic imagery and creative expression. Students will learn computer illustration techniques, image manipulation, graphic design visual literacy, and the principles and elements of art in composition.

Course Title: **ART STUDIO**
Course Number: 807-ACP
Course Length: Semester (3-day cycle)
Course Credit: One-quarter
Grade Level: Sophomores/Juniors/Seniors

This mini-course offers students a foundation in traditional artistic skills and techniques in drawing, painting, printmaking and mixed media. Beginners and advanced art students will have opportunity for individual learning in a studio setting.

Course Title: **DIGITAL WORKSPACE**
Course Number: 822 - ACP
Course Length: Semester (3-day cycle)
Course Credit: One-quarter
Grade Level: Sophomores

Students will create artwork using the computer-based programs in the school Mac Lab. Basic graphic design elements will be incorporated into art production in developing digital skills.

MUSIC ELECTIVES

Course Title: **CONCERT CHOIR**
Course Number: 842 – 9/10 (3-day cycle) 843 - 11/12 (every day)
Course Length: Full year
Course Credit: One-half for grades 9/10 One credit for 11/12
Grade Level: Freshmen/Sophomores/Juniors/Seniors

Concert Choir is an elective open to any student interested in learning to sing properly. Emphasis is placed on the development of vocal skills, music literacy basic of music analysis, beginning sight singing techniques, and music listening skills. The choir will sing music in a variety of styles, and learn the basics of proper vocal techniques. Beginning singers with no prior experience can really develop in this course. Members may be asked to attend extra rehearsals as needed to meet the Choir's performance objectives. Students should maintain a minimum average grade of 70+ to enroll for 2nd, 3rd, and 4th year.

Course Title: **INSTRUMENTAL PROGRAM**
Course Number: 823- 9/10 (3-day cycle) 833- 11/12 (every day)
Course Length: Full Year
Course Credit: One-half for grades 9/10 One credit for 11/12
Grade Level: Freshmen/Sophomores/Juniors/Seniors

This course is open to any interested student who desires to become proficient on a band instrument. The participants will be expected to perform with the group at selected sporting events and concert performances, and attend extra sectionals and rehearsals as needed to meet the ensemble's performance objectives. The student must maintain a minimum average grade of 70+ to enroll for 2nd, 3rd, and 4th year.

Course Title: **THE MUSIC OF WESTERN CULTURE**
Course Number: 829-10 (3-day cycle) 839- 11/12 (every day)
Course Length: Semester
Course Credit: One-quarter for Grade 10 One-half for Grade 11/12
Grade Level: Sophomores/Juniors/Seniors

This course is designed to offer the college-oriented student exposure to the music and theatre of the 18th through 21st centuries. Students will learn the role of the arts in the development of western culture while experiencing the masterworks first-hand via listening and viewing. Learning about the music and techniques from Vivaldi and Bach to Gershwin and Sondheim.

Course Title: **WORLD MUSIC**
Course Number: 828- 10 (3-day cycle) 838-11/12 (every day)
Course Length: Semester
Course Credit: One-quarter for Grade 10 One-half for Grade 11/12
Grade Level: Sophomores/Juniors/Seniors

Exposure to the music and theatre of the many different cultures of music around the world is the basis of this course. Students will learn about, listen to and explore the audial arts in different parts of the world including West Africa, Australia, Asia, Latin America, India, and into American culture music.

Course Title: **MUSIC THEORY, MUSIC ARRANGING AND MUSIC IMPROVIZATION**
Course Number: 845-11/12
Course Length: Semester
Course Credit: One-half
Grade Level: Juniors/Seniors

This course will provide an opportunity for all students with a musical background to have a chance to study the important fundamentals of music theory, basic piano technique, sight reading and sight singing techniques, musical composition, basic arranging, and improvisation and conducting. The course is designed to help the more serious music student learn the elements of musicianship necessary for becoming a mature advanced-level musician.

Course Title:	FUNDAMENTALS OF GUITAR		
Course Number:	814 - ACP Freshmen	824 – ACP Sophomores	834 – ACP – Juniors/Seniors
Course Length:	Semester - 9/10 (3-day cycle)		11/12 (Everyday)
Course Credit:	One-quarter for Grade 9/10		One-half for grade 11/12
Grade Level	Freshmen/Sophomore/Juniors/Seniors		

Have you ever wished you could play guitar? In guitar class, students will learn playing technique, how to read music from traditional notation and play accompaniments as well as melodies. This is a beginning course, focusing on skills such as primary chords and note reading. Acoustic guitars will be available through the music department, and students may also use their own acoustic at the teacher's discretion. Playing guitar requires the development of significant motor skills.

Course Title:	RHYTHM AND DRUMMING		
Course Number:	816 – ACP Freshmen	826 – ACP Sophomores	836 – ACP – Juniors/Seniors
Course Length:	Semester - 9/10 (3-day cycle)		11/12 (Everyday) (3-day cycle)
Course Credit:	One-quarter for Grade 9/10		One-half for grade 11/12
Grade Level	Freshman/Sophomores		

Everyone loves a good beat! Rhythm and Drumming is an introductory course where students will learn stick control and technique, as well as how to read music and the symbols used in drum notation. Ordinary notation is also studied for the playing of mallet instruments, such as xylophone and bells. This is a beginning course, focusing on skill building and note reading. Practice pads and percussion equipment will be available through the music department. Playing percussion requires the development of significant motor skills.

Course Title:	MUSIC TECHNOLOGY	
Course Number:	827-10 (3day cycle)	847 – 11/12 (every day)
Course Length:	One Semester	
Course Credit:	One-quarter for Grade 10	One- half for Grade 11/12
Grade Level	Sophomores/Juniors/Seniors	

Have you ever wondered what is involved with recording an album, editing audio for the radio, or writing the film score for a movie? Music Technology is a course that uses the computer as its main tool to understand the recording, composition, and notation of many musical styles. Topics include basic use of multi-track mixing and sequencing software, the MIDI (Music Instrument Digital Interface) system, and microphone and mixing board use. Students will learn by doing, creating their own music compositions, film soundtracks, and podcasts. Reading assignment, web-based homework, and recording projects will require weekly work outside of class.

PHYSICAL EDUCATION AND HEALTH

The Saint Raphael Academy Physical Education Department takes pride in their advanced and diverse curriculum. The main goals for the students are that they learn and experience athletic and recreational activities, gain a positive attitude about sportsmanship, and develop a desire to pursue lifelong fitness through various types of physical activities.

The main objectives of the Health curriculum are to have students learn about their bodies, to learn to explore further information regarding their total health through various means of research, and to be open to discuss health topics in a co-educational environment.

OVERVIEW

9 & 10 Grade PE and HEALTH CO-EDUCATIONAL

9 & 10 Grade PE & Health classes meet three days out of the 7-day cycle.

11 & 12 Grade PE CO-EDUCATIONAL

11 & 12 Grade PE classes meet two days out of the 7-Day cycle.

HEALTH CURRICULUM All 9th and 10th grade students are required to take and pass Health.

- 9th Grade Health - 3rd Quarter: Human Development, Education and Substance Abuse
- 10th Grade Health - 2nd Quarter: Fitness Nutrition Education

Physical Education/Health Syllabus 2018-19

September:

9th/10th - Soccer

11th/12th - Flag Football

October:

9th/10th - Flag Football

11th/12th - Soccer

November:

9th/10th - Mat Ball/Heath

11th/12th - Pickleball

December:

9th/10th - Volleyball/Health

11th/12th Floor Hockey

January:

9th/10th - Basketball

11th/12th - Personal Fitness

February:

9th/10th - Hockey

11th/12th - Volleyball

March:

9th/10th - Health/Weight Room (Circuit Training)

11th/12th - Badminton

April:

9th/10th - Health/Lax

11th/12th Lax

May/June:

9th/10th - Ultimate Frisbee/Softball

11th/12th - Ultimate Frisbee/Softball

All students are required by Rhode Island state law to participate in a physical education program. Saint Raphael Academy requires that each student earn .25 credit in physical education each year. All students must participate and successfully complete a PE program unless a valid medical excuse from a physician is filed with the PE Department and the school nurse.

Course Title: **NINTH GRADE PHYSICAL EDUCATION AND HEALTH** (3 days per rotation)

Course Number: 909 (S1) 919 (S2)

Course Title: **TENTH GRADE PHYSICAL EDUCATION AND HEALTH** (3 days per rotation)

Course Number: 920 (S1) 922 (S2)

Course Title: **ELEVENTH AND TWELFTH GRADE PHYSICAL EDUCATION** (2 days per rotation)

Course Number: 930 (S1) 932 (S2)