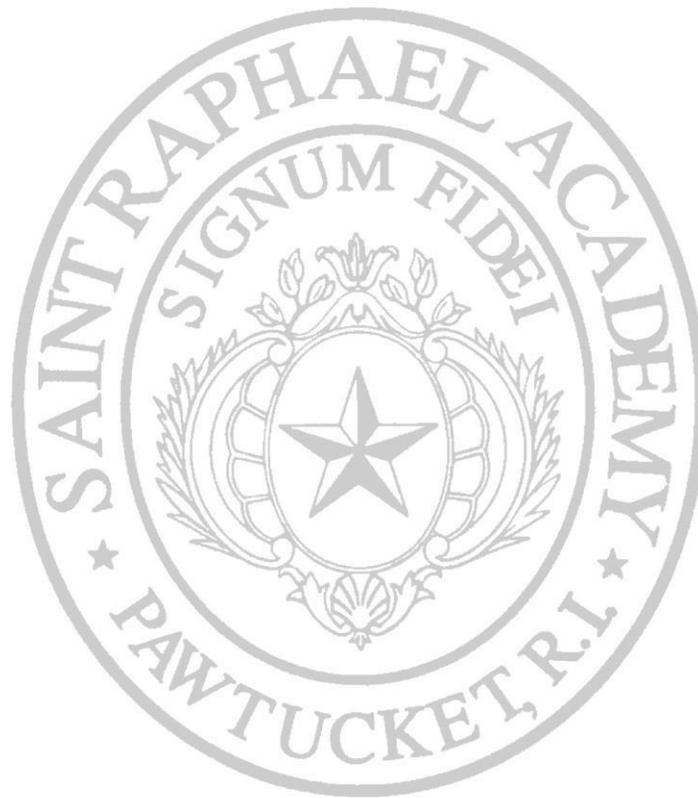


# Program of Studies

## 2022-23



### **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 La Salle. We are focused upon offering a rigorous academic curriculum in a nurturing environment that 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.

<b>Subject</b>	<b>Credits</b>
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	10 hours per year for freshmen and sophomores and 20 hours for juniors and seniors for a <b>total of 60 hours</b> before graduation. These hours are calculated into theology grade each year.

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 9, 2022.**

## COURSE OFFERINGS

### **9<sup>th</sup> Grade**

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

**Electives:** Into to Art, Into to Digital Design, Film Design, Concert Choir, Theater Arts I and II, Instrumental Program, Into to Guitar, Intro to Music (see Program of Studies for complete list and description)

### **10<sup>th</sup> Grade**

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

**Electives:** Intro to Digital Design, Film Design, Art Studio, Guitar 10, Concert Choir, Instrumental Program, Music Technology, Intro to Music, Theater Arts I and II (see Program of Studies for complete list and description)

### **11<sup>th</sup> Grade**

**Required:** Theology 11; English 11 (British Literature) or AP Language and Composition; Mathematics: Geometry or Pre-Calculus, or Calculus or AP Calculus AB; 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, Film as Literature, Diversity and Social Justice, American Government, World History Through Film, Modern European History, Sociology, Anatomy/Physiology, AP Biology, AP Chemistry and/or AP Environmental Science, Oceanography, Drawing and Painting I, Drawing and Painting II, Digital Design, 3D Art, Film Design, Theater Arts I and II, Sports and Entertainment Marketing, Intro to Computer Programming, 3D Printing, AP U.S. History, Business and Criminal Law, Personal Finance, Concert Choir, Instrumental Program, Advanced Guitar, AP Music Theory (see Program of Studies for complete list and description)

### **12<sup>th</sup> Grade**

**Required:** Theology 12; English 12 (World Literature) or AP Literature and Composition; Mathematics: Pre-Calculus or Calculus or AP Calculus AB; Physics; 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, Film as Literature, Diversity and Social Justice, Statistics and Probability, American Government, Psychology I, Psychology II, AP Psychology, Modern European History, Sociology, World History through Film, Forensics, Anatomy, Anatomy/Physiology, AP Biology, AP Chemistry and/or AP Environmental Science, Oceanography, Drawing and Painting I, Drawing and Painting II, 3D Art, Digital Design, Film Design, Theater Arts I and II, Sports and Entertainment Marketing, Intro to Computer Programming, 3D Printing, Personal Finance, Business and Criminal Law, Concert Choir, Instrumental Program, Advanced Guitar, AP Music Theory (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 one-quarter credit for three-day semester 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 (AP)**. Advanced Placement courses are designed through the College Board to provide college-level curricula to appropriately placed high school students. The Advanced Placement (AP) Program is designed to encourage the student who has demonstrated superior achievement through rigorous critical thinking and deep content engagement. As such, students must be fully prepared to be academically challenged. All AP enrolled students are required to take the comprehensive AP exam at the end of the course work. While not at all colleges, students earning qualifying scores may be eligible for college credit. Prior to placement in AP courses, students and their parents/guardians will be required to sign a contract acknowledging their understanding of requirements and demands.

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.

Saint Raphael Academy offers 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

This comprehensive course explains how God reveals the truth about Himself and how He wants us to live, through Sacred Scripture—the Bible. As Catholics, we view the Word of God as integral to bringing us closer to God, making the most ordinary moments of our lives extraordinary! Students will learn the story of God's relationship with His people through the Old and New Testaments of the Bible. Students will also learn about the second person of the Trinity, 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. In him, we can see God's face and renew our relationship with Him.

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

In this course, students will continue their study of Jesus Christ through The Paschal Mystery and The New Testament. 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. Students will explore how they are called to play an active part in that restoration. Students will also 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.

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

In this course, students will examine Church history and explore morality. Students will learn about the origins of the Catholic Church, track its development throughout history, and explore its direction in modernity. Students will then explore how Christ's life and teaching is the fulfillment of the Old Law summarized in the Ten 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

In this course, students are introduced to the Church's social teaching and learn how Christ's concern for others, especially the poor and vulnerable, is present today in the Church. Students will broaden their social consciousness through the examination of contemporary social justice issues. This is complimented by the second semester course where students will examine societal beliefs, values, and practices as illustrated in modern film. Students are challenged to use their faith while

examining relevant movies that show society grappling with the same issues that students examined during the first semester course. Students will contemplate how they can improve life for every segment of the population despite the problems they see in our world.

### **THEOLOGY ELECTIVES**

**Course Title:** **DIVERSITY AND SOCIAL JUSTICE: *An Interdisciplinary Approach taught through the Theology Department***

Course number: 153 ACP

Course Length: One Semester

Course Credit: One Half

Grade Level: Juniors and Seniors

This class will explore the questions of identity, specifically the social construct of race, racism, and institutional racism through the lens of Scripture and Catholic social teaching. Scripture tells us we are made in the image of God (Gen 1:27). The central theme of Catholic social teaching highlights the life and dignity of the human person along with the theme of solidarity or one human family, regardless of national, racial, ethnic, economic, and ideological differences. Guest instructors will teach various expressions of our shared identity as a human family regardless of differences in racial identity through literature, art and history to broaden the understanding of the foundations of our shared humanity which shape our various racial identities.

“When we see these extreme disparities in social and economic outcomes for people of color as compared to whites, we need not agree on the precise cause of these inequities. The very existence of these disparities based on race is an offense against the basic norms of social justice. For these extreme inequalities are clear signs that the principles of human dignity and human equality are not being fully realized. They are a clear call for us to respond and to undo these injustices, even if we have not personally and directly caused them.” (2003, *In God’s Image: Pastoral Letter on Racism*)

## ENGLISH DEPARTMENT

Course Title: **ENGLISH 9: LITERARY GENRES**  
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

AP Language and Composition is a rigorous college-level course examining the theory of rhetoric as “the art of finding and analyzing all of the choices involving language that a writer, speaker, or listener might make in a situation so that the text becomes meaningful, purposeful, and effective for readers or listeners, and examining the specific features of texts, written or spoken, that cause them to be meaningful, purposeful, and effective ...” (David Jolliffe, former AP creator). Students in the AP English Language and Composition course will read and analyze a broad and challenging range of nonfiction prose selections. Through close reading and frequent writing students will deepen their understanding of rhetoric and develop their ability to work with language with greater understanding of purpose and strategy. Students will read an assortment of expository, analytical, personal, argumentative, and literary texts. Students will also write in a variety of modes for different audiences, developing a sense of personal style and an ability to analyze and articulate how the resources of language operate in any given text.

Course Title: **ENGLISH 12: CONTEMPORARY 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 memoirs, along with current magazine, newspaper, and scholarly 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 AP English Literature and Composition course is intended to give students the experience of a typical introductory college literature course. It includes intensive study of representative works from various genres, periods, and cultures, concentrating on works of recognized literary merit. Reading in the course builds on the reading done in previous English courses. Students learn to read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Careful attention to both textual detail and historical context provides a foundation for interpreting a text. Writing is also an integral part of the AP English Literature and Composition course and of the AP exam. Writing assignments in the course will address the critical analysis of literature and will include expository, analytical, and argumentative essays. In addition, creative-writing assignments such as response and reaction papers, free writing, or keeping a journal will help you see from the inside how literature is written. The goal of both types of writing assignments is to increase students' ability to explain clearly and cogently what they understand about literary works and how they interpret them.

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 sophomore

## **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.

Course Title: **FILM AS LITERATURE**  
Course Number: 248-ACP  
Course Length: One semester  
Course Credit: One-half  
Grade Level: Juniors and seniors

This course will expose students to a variety of literary films, the process of filmmaking, film vocabulary, and the analysis to film as a work of literature. It will give students the necessary skills to analyze and critique film by applying literary and filmic standards. Students will produce critical and reflective essays, film reviews, critical evaluations, oral presentations, and participate in other performance-based assessments.

## MATHEMATICS DEPARTMENT

**\*\*Please note: Incoming freshmen who have taken a full year of Algebra I may take a math exam to ensure proper placement. \*\***

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 that are 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 I CP.

Course Title: **ALGEBRA II**  
Course Number: 320 – Honors      321 – ACP      322-CP  
Course Length: Year  
Course Credit: One  
Prerequisite: A full course in Algebra I  
Grade Level: Freshmen/sophomores

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  
Prerequisite: Algebra II  
Grade Level: Sophomores/juniors

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 or Statistics and Probability.

Course Title: **PRE-CALCULUS**  
Course Number: 341 – Honors      340 – ACP  
Course Length: Year  
Course Credit: One  
Prerequisite: A strong performance in Algebra II and Geometry with teacher recommendation  
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: **CALCULUS**  
Course Number: 342-Honors  
Course Length: Year  
Course Credit: One  
Prerequisite: Pre-Calculus  
Grade Level: Juniors/seniors

This course introduces students to the fundamental concepts, techniques, and applications of the differential calculus of one variable and begins the study of integration. The calculus and analytical geometry of algebraic and trigonometric functions are also covered. The course will be taught at a much slower pace than at the AP level.

Course Title: **AP PLACEMENT CALCULUS AB**  
Course Number: 345 - AP  
Course Length: Year  
Course Credit: One  
Prerequisite: 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: **STATISTICS AND PROBABILITY**  
Course Number: 353-Honors      352-ACP  
Course Length: Year  
Course Credit: One  
Prerequisite: Departmental placement  
Grade Level: Seniors

This course introduces the student to the description, analysis, and presentation of data, and inference of data. What do these data mean? What can be conjectured about the future based on these data? Students will also be introduced to the basic concepts of probability and counting. It involves predicting outcomes of discrete events using a variety of methods. The course requires strong mathematical skills and interest. A YI-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  
Prerequisite: None  
Grade Level: Freshmen or applicable transfer students

Biology is a one-year course that introduces the student to the study of living things. Through lecture, projects, and laboratory activities, the student becomes acquainted with basic biological concepts and principles. Topics include the characteristics of life, biochemical and structural basis of living organism, cell structure and function, cell metabolism and replication, and genetic basis of inheritance.

Course Title: **CHEMISTRY**  
Course Number: 430 – Honors    431 – ACP      432--CP  
Course Length: Year  
Course Credit: One  
Prerequisite: Biology  
Grade Level: Sophomores or applicable transfer students

Chemistry is the science which 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**  
Course Number: 442– Honors      441-ACP  
Course Length: Year  
Course Credit: One  
Prerequisite: Biology, Chemistry, Algebra I, and Geometry  
Grade Level: Juniors/seniors

Physics 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.

**(Grades 11/12 students taking 2 AP science courses may defer from taking Physics.)**

## SCIENCE DEPARTMENT ELECTIVES

Course Title: **MARINE BIOLOGY**  
Course Number: 451 ACP  
Course Length: Semester  
Course Credit: One-half  
Grade Level: Juniors and Seniors

In this course, students will learn about marine biology by studying one of the largest marine ecosystems in Rhode Island, the Narragansett Bay. Students will learn basic oceanography, types of marine ecosystems, marine animals, as well as how weather and human activities can affect marine ecosystems. This will all be done through our perspectives as Rhode Islanders and the ecosystems around us.

Course Title: **ANATOMY**  
Course Number: 444 – ACP  
Course Length: Semester  
Course Credit: One-half  
Prerequisite: None  
Grade Level: Seniors (Juniors with permission of department chair)

This course is designed to familiarize the student with the structure and function of the human body. It is a comprehensive survey course that examines each of the body systems and related pathology. Points of interest will include the 11 systems of the human body, diseases and pathology, and real-world connections to health. 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  
Prerequisite: Biology and Chemistry  
Grade Level: Seniors (Juniors with permission of department chair)

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 and impressions, blood evidence, crime scene processing, and other forms of physical evidence. At the completion of the course, students will have knowledge of the proper collection and comparison of evidence, how evidence can be used to convict or exonerate a suspect, and the laboratory skills involved in processing evidence.

Course Title: **ANATOMY/PHYSIOLOGY**  
Course Number: 446-ACP 448-Honors  
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 all 11 systems, pathology, real-world connections to the overall health, function, and careers involving the human body. The course will also explore relevant medical and social topics. The intention of this course is to serve as a strong foundation for future college coursework in a physical therapy, sports medicine, nursing, or medical program. A highlight of this course is a field trip to the University of Rhode Island Physical Therapy Lab and viewing cadavers.

Course Title: **AP BIOLOGY**  
Course Number: 425 - AP  
Course Length: Year  
Credit: One  
Prerequisite: Biology and Chemistry  
Grade Level: Juniors/seniors

Advanced Placement Biology is a continuation of Biology Honors. 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. Topics include evolution, cell structure and functions, cell metabolism, cell replication and genetics, DNA and gene expression, and ecology. Topics covered will be taught through college-style lecture, projects, and laboratory activities.

**Independent study, including a summer assignment, and before/after-school lab time will be required.**

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. 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](http://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/after-school lab time will be required.**

Course Title: **AP ENVIRONMENTAL SCIENCE**

Course Number: 449-AP

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 inter-relationships 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  
Prerequisite:              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  
Prerequisite:              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  
Prerequisite:              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:           540 – Honors       541 - ACP  
Course Length:            Year  
Course Credit:            One  
Prerequisite:              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: **SPANISH I**  
Course Number: 551 – Honors 552 – ACP  
Course Length: Year  
Course Credit: One  
Prerequisite: 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  
Prerequisite: 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  
Prerequisite: 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  
Prerequisite: 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 (HONORS)**  
Course Level: 580 – Honors /EEP  
Course Number: Year  
Course Credit: One  
Prerequisite: Completion of Spanish III Honors

Students review grammar and verb tenses and are introduced to new, more complex structures which 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 being introduced 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  
Prerequisite: 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, which 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 (HONORS)**  
Course Number: 590 – Honors (EEP)  
Course Length: Year  
Course Credit: One  
Prerequisite: Completion of Spanish IV Honors

This course is designed as a continuation of Spanish IV Honors. Much of the course may be 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 and AP FRENCH will be offered to any interested students as a “Virtual High School” course once they have completed all available foreign language classes/levels offered in this Program of Studies.**

## 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 research-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  
Prerequisite: U.S. History I  
Grade Level: Juniors

This year-long course will expand on 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 focus on a critical examination of primary and secondary sources. Students will be required to complete research-based projects and essays.

### ***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 sub-fields 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: Juniors

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 the 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 I)

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: Juniors/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 changed the nature of government in France, Italy, Germany and Russia, 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: **INTRODUCTION TO COMPUTER PROGRAMMING**

Course Number: 770 - ACP

Course Length: Semester

Course Credit: One-half

Prerequisite: Algebra II or instructor permission

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 Python computer language to create demonstrations and tools. In the capstone project, students will create a unique program of their own design.

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, basics 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 paycheck 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 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 Forensic Science class (Science Department).

Course Title: **3D PRINTING**

Course Number: 704 -ACP

Course Length: Semester

Course Credit: One-half (One-quarter each)

Grade Level: Juniors or seniors

This course will introduce students to the basics of 3D printing. This includes scanning, editing, designing, and printing 3D objects. This project-based course will contain hands on lab exercises where students learn the fundamentals of 3D printing and design and apply the learned concepts to modify and create 3D models.

## VISUAL ART ELECTIVES

Course Title: **INTRO TO ART**  
Course Number: 808 - ACP  
Course Length: Semester (3-day cycle)  
Course Credit: One-quarter  
Grade Level: Freshmen

A grade 9 introductory level art class. Students will learn basic art fundamental techniques and processes through hands-on experiences with assorted materials. The cultural, historical, and vocational aspects of art will be included. This one-semester elective will prepare the student for further high school art experiences.

Course Title: **INTRO TO DIGITAL DESIGN**  
Course Number: 802- ACP  
Course Length: Semester (3-day cycle)  
Course Credit: One-quarter  
Grade Level: Freshmen/sophomores

An introductory class that teaches the basics of digital art through projects and research using Adobe Creative Cloud. Students will explore various methods used to create and combine text, symbols and images in communicating ideas. Students will learn the theories of graphic design while producing real world projects.

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

This studio class offers students the opportunity to explore a variety of traditional artistic processes and techniques in drawing, painting, printmaking, and mixed media. Beginning as well as advanced art students will have opportunities for individual learning through class projects and activities.

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

This course introduces students to essential concepts and skills in two-dimensional visual art. Students will learn basic drawing and painting processes such as shading, perspective, color theory, still life and gridding. Materials used will include pen, pencil, charcoal, pastel, watercolor, tempera, and acrylic paints. Sketchbook work is required.

Course Title: **DRAWING AND PAINTING II**  
Course Number: 810 - ACP  
Course Length: Semester  
Course Credit: One-half  
Prerequisite: Drawing and Painting I or **permission of instructor**  
Grade Level: Juniors/seniors

This course is designed for students who want to pursue an advanced level of drawing and painting and have appropriate experience or ability. A wide range of assignments and art materials will encourage the exploration of individual creativity. Students will be expected to submit weekly sketchbook assignments and develop portfolio-quality work.

Course Title: **3D ART**  
Course Number: 803-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 and technical skills. Students will work with wire, paper, plaster, clay and recycled supplies. They will learn the sculpture processes of carving, casting, modeling, and assemblage.

Course Title: **DIGITAL DESIGN**  
Course Number: 820 -ACP  
Course Length: Semester  
Course Credit: One-half  
Grade Level: Juniors/seniors  
Pre-requisite: Intro to Digital Design or permission of instructor

A class for those with a range of digital art skills. Students will work with Adobe Creative Cloud to produce artistic imagery and creative expressions. In this project-based class, students will learn image manipulation, graphic design, visual literacy, and the principles and elements of art and design.

Course Title: **FILM DESIGN**  
Course Number: 812- ACP juniors and seniors                      809-ACP freshmen and sophomores  
Course Length: One semester  
Course Credit: One-half for juniors and seniors                      One-quarter for freshmen and sophomores  
Grade Level: Freshmen/sophomores/juniors/seniors

Making a film is an exciting and collaborative process. You and your teammates will explore the elements of creating a short film. Groups will use various digital resources to create content to be edited into original digital shorts. This practical, hands-on course will show you the basics of writing, budgeting, scheduling, prepping, shooting, editing, and distributing a short film. This course is perfect for students who are curious about film or who plan to use digital technology for creative presentations.

## PERFORMING ARTS ELECTIVES

Course Title: **THEATER ARTS I**  
Course Number: 805-ACP juniors and seniors                      855-ACP freshmen and sophomores  
Course Length: One semester  
Course Credit: One-half for juniors and seniors                      One-quarter for freshmen and sophomores  
Grade Level: Freshmen/sophomores/juniors/seniors

In this course, students will be introduced to all the elements of theater: the history of theater, acting, directing, playwriting, lighting design, scenic design, costume design, prop design, sound design and stage managing. Students will explore these elements through hands-on experiences. Through this class, students will have opportunities to integrate concepts that they have learned in other core classes like English, math, science, and art to create theatrical productions.

Course Title: **THEATER ARTS II**  
Course Number: 806-ACP juniors and seniors                      856-ACP freshmen and sophomores  
Course Length: One semester  
Course Credit: One-half for juniors and seniors                      One-quarter for freshmen and sophomores  
Prerequisite: Theater Arts I  
Grade Level: Freshmen/sophomores/juniors/seniors

Theater Arts II is an extension of Theater Arts I and will meet the same class period. Students will continue to study the history of theater, acting, directing, playwriting, lighting design, scenic design, costume design, prop design, sound design, and stage managing. Students will build on the skills that they acquired in Theater Arts I and will be expected to work as actors, directors, designers, technicians, and stage managers.

## MUSIC ELECTIVES

Course Title: **CONCERT CHOIR**  
Course Number: 842 – Freshmen/sophomores (3-day cycle)                      843 – Juniors/seniors (every day)  
Course Length: Full year  
Course Credit: One-half for freshmen and sophomores                      One credit for juniors/seniors  
Grade Level: Freshmen/sophomores/juniors/seniors

This course is intended for students who want to learn and perform all types of vocal music ranging from the classical and popular styles. Drawing from important American musical styles, the class will also study and perform vocal jazz music and musical theater styles. Students will learn how to sing correctly, basic music reading, harmonizing, and maintaining proper vocal health.

Course Title: **INSTRUMENTAL PROGRAM**  
Course Number: 823 – Freshmen/sophomores (3-day cycle) 833 – Juniors/seniors (every day)  
Course Length: Full year  
Course Credit: One-half for freshmen and sophomores One credit for juniors/seniors  
Grade Level: Freshmen/sophomores/juniors/seniors

The purpose of band class is to introduce and to cultivate musical literacy and improve the technical musical skill of each student through rehearsals, utilizing a wide range of musical styles for both concert band and other performances. The students are challenged in the music and skills required to play and will require practice and perseverance in order to attain a satisfactory performance.

Course Title: **INTRO TO GUITAR**  
Course Number: 832 - ACP  
Course Length: Semester – (3-day cycle)  
Course Credit: One-quarter  
Grade Level: Freshmen

This course is intended as an introductory, one semester course for students who want to begin studying the guitar as a solo and ensemble instrument. This one semester course teaches students basic music reading, chord reading, and finger techniques. Students will learn classical, traditional, and contemporary styles of music in this course.

Course Title: **GUITAR 10 AND ADVANCED GUITAR**  
Course Number: 824 - Sophomores 854 - Juniors and seniors  
Course Length: Semester  
Course Credit: One-quarter for sophomores (3-day cycle) One-half for juniors and seniors  
Grade level: Sophomores, juniors and seniors

This course is intended for students who have some knowledge and skill in playing guitar and who want to advance in playing this instrument. This one semester course teaches students music reading, chord reading, and finger techniques, including scales, modes and classical fingerings. Students will continue to learn classical, traditional, and contemporary styles of music in this course.

Course Title: **MUSIC TECHNOLOGY**  
Course Number: 827- Sophomores (3-day cycle)  
Course Length: Semester  
Course Credit: One-quarter  
Grade Level: Sophomores

This course is designed to allow the student to explore audio design, music composition, audio manipulation and music production. Students will be able to express creativity using music notation software and music production software. Students will develop the capability to work with multi-track sessions, record and edit audio, and produce professional quality musical scores.

Course Title: **INTRODUCTION TO MUSIC**  
Course Number: 829-Freshmen and sophomores (3-day cycle)  
Course Length: Semester  
Course Credit: One-quarter  
Grade Level: Freshmen and sophomores

This course is designed for those students who do not participate in a major performing ensemble. Students will develop skills in critical listening and elements of music theory via electronic keyboards. A rich history of rock music is a primary focus, along with discussion and analysis of current pop music and industry trends. No prior experience in music is necessary for enrollment in this course.

Course Title: **AP MUSIC THEORY**  
Course Number: 844  
Course Length: Full Year  
Course Credit: One

Grade Level: Juniors and Seniors

AP Music Theory is a course designed to instill mastery of the rudiments and terminology of music, including hearing and notating music. Basic concepts are established from standard Western music, as well as twentieth-century art music, jazz, popular music, and the music of non-Western cultures. As an AP course, students will engage in a learning experience similar to a first-year college course that introduces students to musicianship, theory, musical materials, and procedures, through the integration of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, as well as music history and style. Students will also engage in activities building on their aural, sight-singing, written, compositional, and analytical skills. Throughout the course, students will listen to a variety of musical works, developing their musical memory and their ability to articulate educated responses to formal, stylistic, and aesthetic qualities of these works. Finally, students will engage in some performance respects, including singing, keyboard and/or a student's primary media, creating a well-rounded learning process. The course requires the taking of the AP Music Theory exam, where terminology, notation, structures, sight-singing, and other learned aspects of the course are tested.

## PHYSICAL EDUCATION AND HEALTH

The Saint Raphael Academy Physical Education Department takes pride in its 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, Mental Health and Social Injustice

### **Physical Education/Health Syllabus 2021-22**

#### **September:**

9<sup>th</sup>/10<sup>th</sup> - Soccer

11<sup>th</sup>/12<sup>th</sup> - Flag Football

#### **October:**

9<sup>th</sup>/10<sup>th</sup> - Flag Football

11<sup>th</sup>/12<sup>th</sup> - Soccer

#### **November:**

9<sup>th</sup>/10<sup>th</sup> - Mat Ball/Heath

11<sup>th</sup>/12<sup>th</sup> - Pickleball

#### **December:**

9<sup>th</sup>/10<sup>th</sup> - Volleyball/Health

11<sup>th</sup>/12<sup>th</sup> Floor Hockey

#### **January:**

9<sup>th</sup>/10<sup>th</sup> - Basketball

11<sup>th</sup>/12<sup>th</sup> - Personal Fitness

#### **February:**

9<sup>th</sup>/10<sup>th</sup> - Hockey

11<sup>th</sup>/12<sup>th</sup> - Volleyball

#### **March:**

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

11<sup>th</sup>/12<sup>th</sup> - Badminton

#### **April:**

9<sup>th</sup>/10<sup>th</sup> - Health/Lax

11<sup>th</sup>/12<sup>th</sup> Lax

#### **May/June:**

9<sup>th</sup>/10<sup>th</sup> - Ultimate Frisbee/Softball

11<sup>th</sup>/12<sup>th</sup> - 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)