JUNIOR OFFERINGS 2019-2020
Class of 2022

RELIGIOUS STUDIES OFFERINGS

Religious Studies III: Christian Morality and Social Justice {#730} (Full Year) The goal of this course is to assist students in their lifelong journeys toward full human personhood, anchored in a developmental approach to conscience formation and the Christian call to love God and neighbor. Expanding on the two previous years of religious study, this course seeks to widen the moral perspectives of students. By drawing on Catholic teaching and the human sciences, students grow in their ability to discern their personal and social responsibilities. Topics of study include: human development, moral norms, the Holocaust, the American Civil Rights movement, and poverty.

ENGLISH OFFERINGS

English III (Honors {#230}, Level 1{#231}, and Level 2 {#232}) Junior English further develops the reading and writing skills of the student through a detailed study of the entire spectrum of American Literature. Readings include selected works from dramas, novels, poetry, and short stories. Students are expected to complete at least four major analytical essays, demonstrating an understanding of the literary devices employed in various readings. Vocabulary is emphasized as a preparation for College Placement Examinations.

Advanced Placement English Language & Composition {#862} (full year) This is a college level course, and students can, by good performance on the A. P. Examination, obtain up to one year of college credit and/or advanced placement in college composition. This course includes both the reading and analysis of prose and the study of expository, process writing—from the discovery of the topic to the preliminary drafts of the final edited edition. Students will study various examples of literature and essays. These examples will serve as models of effective styles and students will write on a variety of assignments calling for the use of different styles and tones. Through such study and practice, students gain an understanding of the principles of effective writing and become effective writers themselves.

WORLD LANGUAGE OFFERINGS

French II {#330} (Honors) {#331} (Level 1) This course, taught primarily in French, is designed for those students who have grasped the major elements of either the French III or the French I Level 1 curriculum. In French II, the student is presented with an in-depth review of the important structures and vocabulary of French I. Paired groupings, situational dialogues and audio/visual materials allow the student to develop his aural/oral proficiency. The course continues to develop all major tenses (simple and compound) of the indicative as well as the conditional moods. Cultural readings introduce the diversity of the Francophone cultures. Compositions, dialogues, and presentations allow the student to express his ideas creatively and to reinforce his acquired vocabulary and grammar. While the curriculum remains the same across levels, the courses vary by the depth and accuracy of written and oral production.

French III {#350} (Honors) In this course, taught mostly in French, students will expand their communication and reading skills by learning to use more advanced grammar, structure and vocabulary. Students will also learn to express their thoughts more naturally, effectively and spontaneously, while increasing their awareness of the Francophone world by reading literature and using technology. Topics originate from the themes of the French AP curriculum.

French III {#351} (Level 1) This course is designed for those students with an interest in French who want to reinforce practical vocabulary and to review major grammatical concepts in order to continue their understanding and appreciation of Francophone cultures, short literary extracts, and current online media. Paired groupings and student presentations promote a practical appreciation of the target language. Writing assignments, conversation, and closed social networking reinforce acquired grammatical structures and prepare the student for increased oral and written proficiency.

Advanced Placement French Language {#360} This student-centered course conducted entirely in French, is designed to develop the student’s oral, written and listening comprehension skills at an advanced level as he compares and contrasts American and Francophone cultures. Through the use of sociological essays, literary extracts and contemporary news articles the students analyze major issues affecting the two cultures and present their opinions in small group discussions and debates. Major grammar points are reviewed and more sophisticated structures are introduced throughout the course. In addition, through the use of A.P. style questions, students are prepared for the components of the A.P. French Language exam. Students entering this course should have a rich vocabulary base and should have mastered the major concepts of French grammar and structure. They should be able to express themselves clearly and precisely in writing as well as be able to read and to express themselves orally with certain ease.

French IV {#370} (Honors) This student-centered course means to increase proficiency by continuing to develop language skills as we explore the classics of French culture and their influences. Students will become more comfortable in his language skills through discussions, individual and group presentations, completion of literary texts and media. Students entering this course must be willing to
take the necessary risks in class to become more fluent as the year unfolds. Students will practice for university language placement exams they may encounter.

**Spanish II [340] (Honors)** This course, taught primarily in Spanish, is designed for the student that has shown complete mastery of basic Spanish grammar as presented in Spanish I and who exhibits good communicative skills, as well as writing skills. Spanish II Honors is a communication-based course that is designed to prepare students for advanced study of Spanish. The course is designed to equip students with meaningful vocabulary related to school, family and friends, health, etc. The student will learn skills to facilitate conversation, listening and reading comprehension and good writing techniques.

**Spanish II [341] (Level I)** This course, taught mainly in Spanish, is designed for students who need reinforcement of basic Spanish grammar and vocabulary. Throughout the course, the student will build his writing and communicative skills through a communication-based text that offers both hard copy and online capabilities. The online capability offers each student an opportunity to self-test and prepare for in-class assessments. The student will learn useful vocabulary about daily life, school, family, friends etc. The student will further his study of basic Spanish grammar giving him the option for further study.

**Spanish III [355] (Honors)** This course, taught almost entirely in Spanish, is designed for students who have demonstrated mastery of most of the major concepts and have retained a wide range of vocabulary words from Spanish I and II. This course presents an in depth study of advanced vocabulary, grammar and structure that prepares the students to demonstrate their proficiency in reading, writing, listening, and in speaking. Students will communicate about topics that are important and personal to them such as friends, relationships, leisure activities, and future plans. They will also communicate about contemporary topics such as health, history, government, the arts, and the environment. Students will develop a strong foundation for the study of the Spanish language and culture. Classroom participation and discussion are essential elements of this course that prepare the students to communicate with greater ease at a more sophisticated level.

**Spanish III [356] (Level I)** This course, taught largely in Spanish, is designed for the students who have demonstrated strong listening, speaking, reading and writing skills in Spanish I and II. By using these basic skills, the students will gain greater confidence using the language as they learn more advanced grammar and structure. Students will communicate about topics that are important and personal to them such as friends, relationships, leisure activities, and future plans. They will also communicate about contemporary topics such as health, history, government, the arts, and the environment. Students will develop a strong foundation for the study of the Spanish language and culture. Throughout the year, the students will learn to write with greater precision as they continue to use the language creatively. Participation in the target language will give the students the opportunity to use the language more spontaneously.

**Advanced Placement Spanish Language [361]** The AP Spanish Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students learn language structures in context and use them to convey meaning. The instructional focus is on function and not the examination of irregularity and complex grammatical paradigms about the target language. Language structures are addressed in as much as they serve the communicative task and not as an end goal unto themselves. The AP Spanish Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. In order to best facilitate the study of language and culture, the course is taught in the target language.

The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students’ awareness and appreciation of products, both tangible (e.g., tools, books) and intangible (e.g., laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions that underlie both practices and products).

*(Note: Third year language students are required to sit for a placement test before taking AP)*

**Spanish IV [375] (Honors)** Spanish IV Honors is a student-centered upper level course conducted almost entirely in Spanish, designed to develop the student’s oral and written communication, but with a larger focus on the oral component. The student acquires oral and written confidence by expressing his ideas on a variety of more sophisticated topics for discussion. Frequent oral presentations, written exams, essays, and classroom participation serve as a means of evaluating the student's fluency. A rapid review of grammar and structure is presented where necessary. A strong foundation in the four communicative skills (listening, speaking, reading, and writing) is essential for success in this course.

**Spanish IV [376] (Level I)** This course, taught primarily in Spanish, prepares the student for practical situations he might encounter because of travel or business opportunities in Hispanic countries. Dialogues, written and oral responses, as well as compositions reinforce the acquired vocabulary and structures and allow students to react creatively to the situations presented.

**Chinese II [901] (Honors)** After the successful completion of Chinese I, Chinese II (H) continues students’ study of the Pinyin system of romanization. However, greater emphasis is now paid to the writing and reading simplified characters and relying less on the help of pinyin. More advanced topics such as food, sports, travel, going to a party, and renting an apartment are studied. The goal of this course
is to develop accuracy in the fundamentals of Mandarin. Students accepted into the honors section must have a minimum A- average in Mandarin I, and the recommendation of that teacher.

**Chinese II \[#902\] (Level 1)** This course is designed for those students who have satisfactorily completed Chinese I. Chinese II(1), will strengthen those skills learned in Chinese I, while working with simplified characters and relying less on the pinyin system of romanization. The students will learn to communicate about topics such as food, sports, travel, going to a party, and renting an apartment. The goal of this course is to solidify communicative competency in listening, speaking, reading and writing skills.

**Chinese III \[#906\] (Honors) \[#905\] (Level 1)** This course will help students expand from their base in Chinese I and II to continue to develop their four skills of listening, speaking, reading and writing. Many of the grammatical constructions introduced in Chinese I and II will be repeated in this course with increasing sophistication in terms of style and usage. In this course students are required to comprehend and produce paragraph-level Chinese. Rigorous practice of spoken and written Chinese in complex communicative activities will be conducted. Students will also do intensive reading of expository writings on a variety of cultural topics.

**Chinese IV \[#910\] (Honors) \[#909\] (Level 1)** This is an intermediate level course in Modern Standard Chinese (Mandarin). It aims to prepare students to have more confidence in their skills in listening, speaking, reading and writing Chinese. The students will be able to understand longer narratives and sustain comprehension through inferences in short communications with native speakers. The student will improve his ability to write paragraphs describing situations in pictures, using intermediate vocabulary and more complicated structures.

**Chinese Language \[#912\] (AP)** AP Chinese Language and Culture course a yearlong course that is equivalent to approximate 250 hours of content of a college Chinese course which designed to provide qualified students with varied opportunities to further improve their proficiency in listening, speaking, reading and writing skills in Chinese. Students enrolled in this class will have various opportunities to strengthen their Chinese skills in three communicative modes: interpretive, interpersonal and presentational; also to exposure to Chinese cultural elements that are integrated in the process of learning the language. Through student-centered activities, students develop skills in using Chinese to comprehend, compare and contrast issues and ideas that are pertinent to their life and community. Students entering this course should have a rich vocabulary base and should have mastered the major concepts of Chinese grammar and structure. They should be able to express themselves clearly and precisely in writing, be able to read and to express themselves orally with certain ease.

**MATHEMATICS OFFERINGS**

**Algebra II and Trigonometry (Honors \[#430\], Level I \[#431\], Level II \[#432\])** This course is a continuation of the Algebra sequence and introduces the students to the study of polynomial, rational, exponential, and logarithmic equations and functions. Students will study systems of equations, factoring, relations and functions, and complex numbers. An introduction to circular functions and right triangular trigonometry concludes this course. The prerequisite is Algebra I. The graphing calculator is required in all levels of this course.

**Pre-Calculus (Honors) \[#440\]** This course is a continuation of the Algebra sequence and explores advanced topics including the study of polynomial, rational, exponential, logarithmic, and trigonometric equations, inequalities, functions and their graphs. The prerequisite is Honors Algebra II and Trigonometry. A graphing calculator is required.

**SCIENCE OFFERINGS**

**Chemistry - \[#530\] (Honors) (full year)** This course will consist of a study of matter and energy, atomic structure and bonding, chemical equations and stoichiometric relations, properties of gases, liquids, solids, solutions, acid-base theory, chemical equilibrium, thermochemistry, and an introduction to organic chemistry. Laboratory work will involve experiments where emphasis is placed on quantitative aspects of the experiment. Course pre-requisites: students must achieve a C or better in Honors Biology and Honors Algebra 1.

**Chemistry \[#531\] (Level 1) \[#532\] (level 2) (full year)** This introductory course will consist of a study of matter and energy, atomic structure and bonding, chemical equations and stoichiometric relations, properties of gases, liquids, solids, solutions, acid-base theory, and chemical equilibrium. Laboratory work will involve experiments where emphasis is placed on quantitative aspects of the experiment.

**Physics \[#540\] (Honors) (full year)** This introductory physics course is taught using an algebra-based, college-level textbook. Five major topics are covered during the year: 1) mechanics – the study of motion, forces and energy; 2) heat and heat transfer; 3) electrostatics and electrical circuits; 4) magnetism and electromagnetic induction; 5) fundamentals of waves including sound, light and optics. Students should have the capacity to apply mathematical knowledge of algebra, geometry and trigonometry to the study of this
physical science. Extensive laboratory experimentation is used to complete the exploration of fundamental physical principles. Prerequisites: C or higher in Honors Chemistry and Honors Algebra II/Trigonometry

**Physics {#541} (Level 1) (full year)** This introductory physics course focuses on the manner in which the physical world functions. Major topics are kinematics (the study of motion), waves, sound, light, electricity and magnetism. Numerous laboratory experiments aid students in the discovery of fundamental physics laws and relationships. Physics develops strong problem solving skills by the application of equations and formulas along with the mathematics of algebra and trigonometry.

**Human Anatomy and Physiology {#551} (Level 1) (full year).** This course is designed to further explore the structure and function of the organ systems in the human body. The scope of the course will delve considerably deeper into physiology than was done in Biology, as well as make connections to the underlying cell biology for many physiological processes. There is a lab component to the course with lab topics that cover cell biology, physiological processes, as well as general anatomy. Prerequisite: successful completion of Biology.

**Advanced Placement Chemistry {#561} (full year)** A.P.-Chemistry is a college-level course that builds on a successfully completed high school chemistry course. It prepares students to take the AP-chemistry exam. An in-depth study of; states of matter, chemical reactions, descriptive chemistry, and laboratory work will constitute the course, (see AP-Chemistry Course Description, www.collegeboard.com). The substantial laboratory program involves both verification and inquiry-based quantitative investigations, where emphasis is on experiment design, error analysis, and report writing. Students should keep all lab reports since these may be requested by the Chemistry Department at a college or university in order for a student to receive credit and/or placement in more advanced courses. Course Pre-requisites, (two): B+ (or better) in both Honors Chemistry and Honors Algebra-2/Trigonometry, and Science Teacher’s Recommendation. Or: 600 (or greater) on SAT II Chemistry Subject Test, in place of Honors Chemistry pre-requisite.

**Advanced Placement Physics 1 {#566} (full year)** A.P. Physics 1 is a college-level, algebra-based introductory physics course for the advanced math/science student. It prepares students to take the A.P. Physics 1 exam. It is a prerequisite for the second year AP Physics 2 and AP Physics C courses. The course covers a broad range of physics topics including: 1) mechanics – the study of motion, forces, momentum, rotation and energy; 2) waves; 3) electrostatics and electric circuits. After the AP exam juniors continue with the study of magnetic forces/fields and electromagnetic induction. The laboratory component of this course allows students to explore and apply the physical laws and concepts presented in class. Students must be highly competent in mathematics, have strong problem-solving skills and possess a keen desire to work at a rapid pace throughout the year. Prerequisites: 1) a grade of B+ or higher in Honors Chemistry; 2) have completed or are enrolled in Honors Algebra 2/Trigonometry with a grade of B+ or higher. Even though it is not a prerequisite students should have a PSAT math score of 60 or higher. A reading/homework packet is assigned for the summer. It is distributed by Mr. Borchelt prior to the end of school or may be obtained by emailing him at fburchelt@sfoh.org. It requires the student to purchase the text over the summer, complete the packet and submit on the first day of classes in the fall.

**Environmental Science {#570} (Level 1) (full year)** A study of the environmental problems facing our society. The causes and possible solutions to air, water and soil pollution are covered in detail. An understanding and review of elementary biology, chemistry, and physics gives the student an opportunity to see the interaction of the sciences. Prerequisite: successful completion of Biology.

**Advanced Placement Environmental Science {#572} (full year)** A.P. Environmental Science is a comprehensive study of the environmental problems facing our society. The causes and possible solutions to air, water and soil pollution are covered in detail. An understanding and review of elementary biology, chemistry, and physics gives the student an opportunity to see the interaction of the sciences. The course will prepare students to take the Advanced Placement Environmental Science exam.

**SOCIAL STUDIES OFFERINGS**

**Advanced Placement Art History {#288} (full year)** The Advanced Placement offering in the History of Art is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and appreciation of architecture, sculpture, painting and other art forms within historical and cultural contexts. Students examine major forms of artistic expression from the past as well as the present and from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see and experience. Students take the A.P. examination at the conclusion of the course and may earn college placement and/or credit.

**United States History Survey (Colonial Times to the Present) Honors {#630} Level 1 {#631} and Level 2 {#634}.** United States History provides a basic introduction of American history from the first contact between Europeans and Americans to the present day. Students will be acquainted with the major political, constitutional, intellectual, and social movements of this country, as well as diplomatic and military interaction with foreign powers. The course attempts to develop the student's historical perspective and his ability to pose historical questions and express his ideas orally and in writing. Considerable attention will be devoted to training in the use of historical skills: gathering information, formulating generalizations, using library resources, and writing and speaking with clarity. This course examines the achievements of the American people, their ideas, their institutions, national goals, and public policies. The Honors course covers the same topics but in greater depth. A research paper is required in both courses.

**Contemporary U. S. History {#632} (Level 1) (semester)** Contemporary United States History is a course designed to introduce students to the forces, events, and people that have shaped and altered American society and our relations with nations large and small in our ever-shrinking world. Through the use of primary source documents, periodicals, news reports, and video clips, students will have the
opportunity to experience post-World War II America, and in so doing to gain a better understanding of present-day conditions and events.

**Economics [#638] (Level 1) (full year)**
This course provides basic literacy in the fundamentals of economic principles. Its major focus is to provide students with a basic application of practical economics. The course will concentrate on such topics as personal finance, the buying/selling of residential and commercial real estate, maintaining savings and checking accounts, starting and operating a small business, business law and ethics, personal investment strategies both in the stock market and mutual funds, personal taxes, and basic accounting methods. The semester projects are based on the application of basic economic principles to current economic issues and problems in the aforementioned areas.

Technology is utilized in the course to further student comprehension and practical application of the principles addressed.

**Economics [#640] (Honors) (full year)**
Introduction to Economics is an elective survey course for those students interested in college majors such as business, accounting, law, government and finance. The course is broken into two parts: microeconomics is covered in the first two-thirds of the school year, macroeconomics in the last third. In microeconomics, students will learn the basics of supply and demand, elasticity, consumer behavior, product markets, factor markets, and government involvement on a micro level. In macroeconomics, students will learn about national income accounting, including GDP, CPI, and unemployment. Students will also examine fiscal and monetary policy, the different schools of thought in economics, and international trade. Students must have taken Pre-Calculus as a junior or be enrolled in Pre-Calculus as a senior.

**Advanced Placement Economics: Macro/Micro [#645] (full year)**
Introduction to Economics is an elective survey course for those students interested in learning how the economy works both on a micro and macro level. The course is broken into two halves: microeconomics is covered in the first semester, macroeconomics in the second semester. In microeconomics, students will learn the basics of supply and demand, elasticity, consumer behavior, product markets, factor markets, and government involvement on a micro level. In macroeconomics, students will learn about national income accounting, including GDP, CPI, and unemployment. Students will also examine fiscal and monetary policy, the different schools of thought in economics, and international trade. Students must have Pre-Calculus (H) either as a prerequisite or a corequisite. Students must formally apply for this course by completing an application form available from the Studies Office, and the Counseling Office.

**Advanced Placement Government/Politics: U.S. [#665] (full year)**
Advanced Placement U.S. Government & Politics examines our national government and political institutions, providing a detailed study of the executive, legislative and judicial branches as well as a thorough study of important areas such as constitutional law, federalism, American foreign policy, political parties, and state government. Special emphasis will be placed on contemporary political trends. Students must formally apply for this course by completing an application form available from the Studies Office, and the Counseling Office.

**Advanced Placement U.S. History [#660]**
Advanced Placement U.S. History is a survey of the major events of America's history from the origins of discovery to the present, exploring change over time in the areas of politics, economics, society, diplomacy, culture, and historiography. This study will place emphasis upon the major factors, forces, and personalities that have made contributions to American History. This course's goals are to give the student greater awareness of the history of the U.S., to develop students' analysis of historical documents, to improve students' historical writing skills, to prepare students for the AP exam in U.S. History, and to improve students' note-taking skills. Students must formally apply for this course by completing an application form available from the Studies Office, and the Counseling Office.

**Advanced Placement Government/Politics: Comparative [#668] (full year):**
Advanced Placement Government & Politics: Comparative is a course that will provide students with the conceptual tools necessary to develop an understanding of some of the world’s diverse political structures and practices. The course encompasses the study of both specific countries and their governments, which in turn can be used to interpret the political relationships and institutions found in virtually all national polities. Six countries form the core of AP Comparative Government and Politics – China, Great Britain, Iran, Mexico, Nigeria, and Russia. Topics include the sources of public authority and political power, the relationship between state and society, the relationship between citizens and states, political institutions and frameworks, political change and comparative methodology. Students must formally apply for this course by completing an application form available from the Studies Office, and the Counseling Office.

**U.S. Government and Politics [#651] (Level 1) (full year)**
American Government is designed to introduce the student to the basic principles on which American constitutional government is based, as well as the political system that has developed from the Constitution of 1787. The emphasis is on the national government, its role in the federal system, and the role and impact of politics on its efficiency and effectiveness. Students will study contemporary national and international problems to observe the political system in operation.

**U.S. Government and Politics [#670] (H) (full year)**
This course is designed to introduce students to the major themes, policies, institutions, and laws that constitute the American political system. This course seeks to orient the student to the American political process by exploring the philosophical foundations, historical development, modern institutions, and contemporary development of the American government. In addition, the course is designed to teach students the role of government at local, state, and national levels.
Students will learn about the development of the United States federal system of government, the importance of the “checks and balances” system, the function of each of the branches of government, and the involvement of the federal government in world affairs. Students will also learn about the involvement of citizens in the political process. The course will require students to master historical and analytic skills including, but not limited to, historical interpretation and critical & analytical writing.

Advanced Placement World History {#690} The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of change in international frameworks and their causes and consequences, as well as comparisons among major societies. It emphasizes applying relevant factual knowledge to key interpretive issues using various types of historical evidence. The course builds an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage.

AP World History is a college-level course that will have as its chronological frame the period from approximately 8000 B.C.E. to the present, with the prehistoric, ancient, and classical periods (8000 B.C.E. to 600 C.E.) serving as the foundation for the balance of the course. The AP World History course is recommended for all serious-minded history students, and may hold particular appeal for those considering a college major in history, comparative government, political science, foreign affairs and international relations, or international law. Students must formally apply for this course by completing an application form available from the Studies Office, and the Counseling Office.

FINE ARTS OFFERINGS

Acting I: {#278} (semester) An introductory acting class, this semester course includes vocal production and developing the physical core through daily activities. Students will learn the basics of objectives, actions and how good choices can improve their performance. Specific performance formats explored will include monologues, audition technique and scene work. Musical theatre scene to song work can be included based on student interest. This class is designed to build the foundation of a successful actor both mentally and physically. Many topics and exercises from the course will be found as beneficial in the board room as on the stage. Students will learn through the exploration of varied material all routed in the idea of realism and recreating human action on stage. (Prerequisite Intro to Theatre or permission of the Instructor)

Elements of Theatre Production: {#283} (Level 1) (semester) This class is a hands-on introduction to technical theatre and theatrical design. It explores the basic techniques to design and execute set construction, prop construction and acquisition, lighting, sound, costumes and make-up. Students will assist with preparing and executing the technical aspects of a Saint John’s production during the semester. The semester concludes with an individual full production design project. Prerequisite of Introduction to Theatre, or the permission of the instructor.

Advanced Placement Art History {#288} (full year) The Advanced Placement offering in the History of Art is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and appreciation of architecture, sculpture, painting and other art forms within historical and cultural contexts. Students examine major forms of artistic expression from the past as well as the present and from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see and experience. Students take the A.P. examination at the conclusion of the course and may earn college placement and/or credit.

Studio Art I {#286} (Level 1) (semester) An introductory studio art course that combines Art History and hands on art projects. Students learn new techniques, skills, and the basic Elements of Art and Principles of Design. Students utilize their knowledge to create works of art in a variety of media that correspond to the time periods and cultures they are studying.

Studio Art II {#287} (Level 1) (semester) A continuation of the Studio Art I course. The goal of this course is to develop the drawing and designing skills of students with a serious interest in the technical aspects of the study of art. While continuing a generalized study of Art History, students will engage in activities that aid in their mastery of drawing techniques, including a focus on mastering linear perspective, advanced shading and rendering, and an introduction to basic figure drawing. Prerequisite: Studio Art I

Studio Art III {#300} (Honors) (semester) A continuation of the Studio Art II course. The goal of this course is to develop an understanding of light and color as students work in a variety of paint media. Students will be encouraged to explore different types of digital media as they explore different styles of painting, and they will be asked to digitize their portfolio as part of their final project. The prerequisites are Studio Art I, Studio Art II, and permission of the art instructor.

Advanced Studio Art: Methods and Media {#301} (Honors) (full year course) This course is for serious art students who have completed all other course offerings in visual art and who wish to continue adding to their portfolio under instructor supervision. Students will write research papers on artists and movements that correspond to the work
they are producing. Students will be required to keep detailed “art journals” of their ideas and sketches, and must participate in the Annual Spring Art Show. Prerequisite: Studio Art 3 or instructor permission

Advanced Placement Music Theory {#290} (full year) This elective will explore fundamental music theory including harmony and basic ear training. This full year course is the appropriate course for students who wish to prepare for the Advanced Placement Music Theory exam. Students compose original music using software tools and performance in class.

Chorus {#289} (Level 1) (full year) The Saint John's Chorus rehearses daily and performs music from the classical, contemporary and liturgical repertoires. Particular focus is placed on a cappella singing. Students who are members of this class participate in vocal training and learn basic elements of music theory. Grading is based on class and concert participation and occasional written evaluations. A schedule of performances is available at the beginning of each semester. An audition in the Spring is required.

Symphonic Band [Level 1] (Adv.) {#291} (full year course) The Saint John’s Symphonic Band studies and performs music of various styles including music from standard concert band repertoire. The topics of musicianship, music theory, music history, and performance practice are integrated into the discipline of rehearsal and performance. Typically students who have first participated in Concert Band advance to Symphonic Band as upperclassmen, but exceptions may be made for proficient underclassmen. Small combos are often created from members of Symphonic Band. An audition in the Spring is required.

Concert Band [Level 1] (Med.) {#276} (Full year course) The Saint John’s Concert Band studies and performs music of various styles. Instrumentalists with intermediate proficiency are placed in Concert Band. The topics of basic musicianship, music theory and history, and performance practice are integrated into the discipline of rehearsal and performance. An audition in the Spring is required.

String/Chamber Orchestra {#293} [Level 1] (full year course) The Saint John’s String Ensemble studies and performs music of various styles primarily within the classical tradition, from the Baroque to the Modern. Selected wind and brass players join the ensemble for larger works. The topics of basic musicianship, music theory and performance practice are integrated into the discipline of rehearsal and performance. An audition in the Spring is required.

Guitar Ensemble I {#273} [Level 1] (semester) The Guitar Class accommodates beginner to intermediate level guitar players. The emphasis is on playing the guitar with others in a guitar ensemble. The fundamentals of the guitar will be covered - manual technique of the right and the left hand; playing with a pick and the use of the fingers; the positions of the fret board; reading music in standard notation and tablature; music theory in relation to the guitar. A student’s grade will be earned primarily from progress in performing on the guitar, along with written and listening tests.

Guitar Ensemble II {#274} [Level 1] (semester) A continuation of the objectives of Guitar Ensemble I. Prerequisite of Guitar Ensemble I, but exceptions may be made by the instructor.

Guitar Ensemble {#275} [Level 1] (full year course) A full year performance ensemble opportunity for guitar students who have completed Guitar I and II - or with the permission of the instructor. An audition in the Spring is required.

COMPUTER SCIENCE OFFERINGS

Fundamentals of Computing {#830} (semester) (Level 1) – This is a basic, introductory course in personal computing using Microsoft Windows and the Microsoft Office Suite applications. This course will cover PC history, hardware, software and operating concepts and provide an understanding and application of social, ethical, and human issues related to technology. The emphasis of the course is on developing practical skills that prepare students to use computers effectively in an educational environment. Students will also learn the skills necessary to conduct extensive research on the Internet using popular web browsers. Students will also be introduced to the Java programming language, Desktop publishing concepts and Web Page design.

Graphic Design {#833} (Level 1) (semester) In Graphic Design, students will explore, through lecture and hands-on projects, the many ways that design thinking has become a powerful force today. Students will use Adobe's CC Suite software – InDesign CC, Illustrator CC and Photoshop CC. This course focuses on the skills commonly used in the graphic communication and design industries. During the course, students will explore and develop the overall layout and production design of magazines, newspapers, journals, brochures, and other publications. Basic typography and design will also be addressed and students will gain an understanding of how the three programs work together to create products for print and digital media.

Webpage Design {#842} (Honors) (semester) This introductory course will teach students the principles of website layout, design and implementation using scripting languages such as HTML and JavaScript. Students will learn how to create text and graphics to produce functional and attractive webpages using Dreamweaver. No programming experience is required.
Computer Science I – Intro to Java (#849) (Honors) (semester) The primary goal of the course is to provide an introduction to the fundamental concepts found throughout the field of computer science. As an overview of the discipline, the course covers a range of topics including: algorithmic foundations of computer science; hardware issues including computer architecture; software issues such as operating systems and networks; and an introduction to programming using Java. This class is a prerequisite for more advanced classes in computer science.

Computer Science II – Java Graphics (#850) (Honors) (semester) This course will build on Computer Science I – Intro to Java and cover how to build an effective graphical user interface (GUI) using objects from the javax.swing and java.awt packages. Students will learn a new style of program control called event-driven programming. Students will also learn about other upgraded capabilities, including Swing controls, layout managers, and events, as well as new capabilities not readily available in AWT package. Introduction to Computer Science Using Java a prerequisite)

ADVANCED PLACEMENT POLICY

- Students enrolled in an AP Course are required to take the corresponding AP Examination(s).
- Each AP Exam presently costs $94, which is billed through the Business Office.
- Please refer to the Advanced Placement Policy in the Course Description Booklet.

All AP students will be required to complete an online enrollment form using their College Board account information by October 1, 2020. Failure to complete the online enrollment form by this deadline may result in a late registration fee of $40 per exam. Withdrawal from an AP course after November 15 will incur a $40 cancellation fee.

As with any elective course, we cannot guarantee enrollment in an AP course. Prior to textbook purchases and summer reading, students should confirm enrollment in an AP course with the Studies Office.