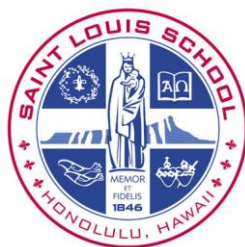


# Saint Louis School



## **COURSE CATALOG GRADES 6-12**

**2014 - 2015**



## INTRODUCTION

Since 1846, Saint Louis School has served as an integral component of the foundation of education in Hawai'i. The school continues this tradition while keeping pace with the evolving demands of a global society that becomes increasingly connected through technological advances and socio-political change. Providing a well-rounded curriculum that offers rigor and relevance to young men is an underlying force that prepares students for steward leadership in the Marianist philosophy of education. This catalog provides a summary overview of the courses offered for all grade levels. Please note that not all classes are offered every year.

**Year = 1.0 credit**  
**Semester = 0.5 credit**

**Courses marked with asterisks \*\* require Instructor and Department Chair approval, prior to Counselor and Administration authorization.**

[BUS] BUSINESS

[ENG] ENGLISH LANGUAGE ARTS

[FA] FINE ARTS

[HAW] HAWAIIAN STUDIES

[JROTC] ARMY LET [LEADERSHIP EDUCATION TRAINING]

[MAT] MATHEMATICS

[PE] PHYSICAL EDUCATION

[REL] RELIGION

[SCI] SCIENCE

[SOC] SOCIAL SCIENCE

[WL] WORLD LANGUAGES

AP ADVANCED PLACEMENT

# **[BUS] BUSINESS**

## **0009 Entrepreneurship**

**Grades 11-12 (semester)**

This course exposes students to creating new and innovative business ideas and models based on real-world simulations and situations. The course covers creating business plans, advertising, finances, legal issues, selling, and market research that are applied towards a complete business plan. Case studies, guest speakers, and simulations help to enrich a student's experience in the course.

## **0020 Business Communication Skills**

**Grades 11-12 (semester)**

This course is designed to enhance technical and communication skills. Students will develop writing skills through exercises tailored for business but also useful in the classroom. They will learn how to maximize use of computer programs (MS Office, Mac, Google Docs, etc) to create resumes, presentations, reports, and other business tools. Ethical group work principles and effective time management will also be covered.

## **0017 Personal Finance**

**Grades 11-12 (semester)**

This course is designed to help students understand how their individual choices affect their financial future. Topics covered will include income, money management, spending and credit, as well as saving and investing. Students will gain a foundational understanding for making informed personal financial decisions, and will be better prepared for life on their own after high school.

## **1223 Economics**

**Grades 11-12 (semester)**

This course introduces students to the principles of economics. Students study the basic problem of resource scarcity and how each society deals with it. Topics include supply and demand, production factors, marketing, labor, role of government, money and banking, a study of Hawaii's economy and its role in global economics.

## **0015 Marketing/Advertising**

**Grades 11-12 (semester)**

Students will study the basic concepts of marketing (product, place, price, promotion) products and services in a global market place. Topics will also include branding, market research, and ethics in advertising. Practicing techniques and methods of advertising in real business situations will help students gain a comprehensive understanding of 21<sup>st</sup>-century marketing efforts.

## **0019 Financial Literacy**

**Grades 11-12 (year)**

This full-year course combines together topics in economics and personal finance **to satisfy the full Business elective required for graduation**. The course allows for greater depth on economic topics, and an increased application of business & financial skills by participating in the Student-Operated Credit Union project. Through hands-on training, personal finance simulations, and mentorships, students will gain practical experience to help prepare for the future – both financially & professionally.

**0022 Business Practicum \*\*****Grades 11-12 (semester)***Pre-requisite: Must complete 3 business-related courses (excluding economics) with a C or higher*

This course is designed to be the culminating experience for seniors who have completed at least 3 semesters of Business-related courses. Students will operate an on-campus business entity for the entire semester, or will participate in an off-campus internship, developing their experience in the areas of operations, finances, marketing, and management. Grading will be determined by both individual and group performance with the desired outcome being a real-world business experience.

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# [ENG] ENGLISH LANGUAGE ARTS

## **2001 English 6**

**Grade 6 (year)**

The course focuses on the theme of *Change* – personally, locally, and globally. Aligned with the CollegeBoard’s SpringBoard curriculum, students begin expanding their cognitive skills of evaluation and analysis by looking at language and how writers use descriptive words and sentence construction. Students develop their own sense of voice as they write paragraphs, short essays, stories, and poetry. Deep reading and analysis of multiple genres enhance their reading skills and build their vocabulary.

## **2003 English 7**

**Grade 7 (year)**

The course focuses on the theme of *Choices*, and their effects on people’s lives. Aligned with the CollegeBoard’s SpringBoard curriculum, students extend their exploration of the role of personal voice in writing. Through consistent practice and learning strategies, students continue to hone their reading and writing skills. Oral presentations and collaborative work give them opportunities to improve interpersonal communication skills as well as more formal presentation skills.

## **2005 English 8**

**Grade 8 (year)**

The course focuses on the theme of *Challenge* – personally, locally, and globally. Aligned with the CollegeBoard’s SpringBoard curriculum, students focus on analysis of heroic archetypes and character traits, while also reading and evaluating elements of both fiction and nonfiction texts. Students’ speaking, listening, and performance skills are enhanced with opportunities for both formal and informal presentations.

## **2006 English 8 Honors \*\***

**Grade 8 (year)**

Same as English 8, with added emphasis on reading and writing rigor.

## **2007 English 9**

**Grade 9 (year)**

The course focuses on the theme of *Coming of Age*. Aligned with the CollegeBoard’s SpringBoard curriculum, students build on their knowledge of literary elements in traditional literary genres, study the relationship between narrative voice and style, while also analyzing literary and stylistic elements in film and literature.

## **2011 English 9 Honors \*\***

**Grade 9 (year)**

Same as English 9, with added emphasis on reading and writing rigor.

## **2013 English 10**

**Grade 10 (year)**

The course focuses on *Culture and Community*, and examines how these concepts shape identity and perspective. Aligned with the CollegeBoard’s SpringBoard curriculum, students read and analyze works of world literature, with emphasis on analysis of how stylistic choices and rhetorical elements develop tone in persuasive and argumentative texts.

**2017 English 10 Honors \*\*****Grade 10 (year)**

Same as English 10, with added emphasis on reading and writing rigor.

**2019 English 11****Grade 11 (year)**

The course focuses on American fiction and nonfiction, using literary and other texts to analyze the concept of the *American Dream*. Aligned with the CollegeBoard's SpringBoard curriculum, students research historical and contemporary texts as they articulate the origins and impact of the ideals and realities of the American Dream on life today and on personal thinking. Students are expected to articulate personal convictions and propose solutions to social issues through various forms of writing.

**2025 Advanced Placement English Language/Composition \*\* Grade 11 (year)**

The course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way basic conventions and the resources of language contribute to effectiveness in writing.

**Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.**

**2021 English 12****Grade 12 (year)**

The course capitalizes on the skills students have gained as interpreters and analyzers of texts by introducing them to multiple perspectives through which to view text. Students are asked to broaden their understanding and their interpretive skills by thinking deeply about themes and ideas from multiple perspectives. Using historical, cultural, Feminist, Marxist, and Archetypal criticism, students learn to view texts through some of the filters that result in multiple interpretations of the same text or media story. Students apply the theories of criticism to their own reading and to interpretation of both fiction and nonfiction texts.

**2031 Advanced Placement English Literature/Composition \*\* Grade 12 (year)**

The course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone.

**Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.**

**2040 Speech and Research****Grade 9 (semester)**

This is a one-semester course which is designed to give intensive training in presenting prepared and impromptu speeches. It is a skill course that touches upon: formal speeches to inform and persuade or influence actions; audience analysis and use of strategies to create rapport and develop common understandings; planning for achieving purpose, assessment of progress, and revision of actions when communication breaks down; use of verbal and nonverbal language to create rapport and establish credibility with an audience; and use of pronunciation and grammar appropriate to audience, purpose, and situation.

**2047 Journalism****Grades 9-12 (year)**

Students learn to interview sources, collect information, write and edit news stories and arrange effective layout. They also write features, sports stories and commentaries. Other skills involve composing headlines and applying multi-media and web programs. Student work forms the corpus of content for the quarterly publication *Collegian*.

**(This course receives CREDIT that does not impact GPA; also, it does not replace English course requirements for graduation).**

**2049 Journalism II \*\*****Grades 10-12 (year)**

*Pre-requisite: Journalism I*

Students who continue to Journalism II assume editorial responsibilities and assist in peer learning. Management of the *Collegian* is a primary expectation under the guidance of the instructor. Students collaborate with Digital Photography to produce the quarterly student publication.

**[This course receives CREDIT that does not impact GPA; also, it does not replace English course requirements for graduation.]**

**ENGLISH AS A SECOND LANGUAGE**

English as a Second Language (ESL) courses are available for non-native speakers entering grades 6, 7, 8, and 9. Content focuses on conversational skills, listening, speaking, grammar, reading, and writing. Based on the initial placement test and writing sample, each student is enrolled into courses at the beginning, intermediate or advanced level. As language proficiency develops, students are mainstreamed into non-ESL classes, such as fine arts, physical education, music, and mathematics.

**3001 ESL Reading****(year)**

This course is designed to develop the student's proficiency with decoding, vocabulary, reading comprehension, reading strategies, and literary analysis. Students will become familiar with the academic language of literature analysis, be exposed to different literary genres, and analyze different texts through various assignments and projects.

**3003 ESL Resource****(year)**

This course is designed to familiarize students with skills required for academic success. The course integrates grammar instruction, vocabulary building, study skills, and all four areas of English language proficiency (reading, writing, speaking, and listening). The course is also designed to provide support to students in other content areas as needed.

**3005 ESL Seminar****(year)**

This is an integrated skills course designed to assist students in all proficiency areas of English. Through a variety of expressive activities, research projects, written assignments, and oral presentations, students will have a wide range of learning opportunities to expand oral English language skills, literacy, and writing. American and Hawaii cultures are emphasized throughout the course.

**3007 ESL Writing****(year)**

This course is designed to strengthen basic written communication skills in English and to introduce students to the concepts of English academic writing. The course aims to develop the student's proficiency in writing conventions and structure, as well as focus on improving the necessary skills for clear and accurate writing.

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## [FA] FINE ARTS

### **4005 Introduction to the Arts**

**Grades 7-8 (semester)**

This is an introductory course to Art in the Middle school. Experiences include experimentation in 2 dimensional and 3 dimensional wet and dry media such as pencil, pen, or brush and ink, crayon, and chalk; and media such as water color, tempera, synthetics, polymer, acrylics, and mixed media. Activities emphasize the development of each student's technical skills and interpretation of one's own expression. Projects include but are not limited to linear perspective, human proportion and self-portraits, still life drawing, and landscapes. Students will be exposed to the importance of art history as it relates to the principles and elements of art. They will be introduced to basic ceramics for beginners. Students will learn to create basic hand built forms such as a pinch pot, slab form, coil design, and hand built figure. They will learn to use tools made for ceramics and to create items using elements and principles of design.

### **4027 Introduction to the Arts**

**Grades 10-12 (semester)**

This course includes experimentation in wet and dry media such as pencil, pen, or brush and ink, conté crayon, and chalk; and media such as water color, tempera, synthetics, polymer, acrylics, and mixed media. Activities emphasize the development of each student's technical skills and interpretation of own expression. Projects include linear perspective, human proportion and self-portraits, still life drawing, and landscapes. Students will be exposed to the importance of art history as it relates to the principles and elements of art. A nominal fee may be assessed for expendable materials/supplies.

### **4029 Ceramics I**

**Grades 11-12 (semester)**

Students will be introduced to basic ceramics for beginners. They will learn and create basic hand built forms such as a pinch pot, slab form, coil design, and hand built figures. They will learn and use tools made for ceramics. Students will also be introduced to throwing basic cylinders on the potter's wheel. They will learn to center their clay and create basic thrown pieces. They will also use tools made for ceramics and create by using the elements and principles of design.

### **4030 Ceramics II \*\***

**Grades 11- 12 (semester)**

*Pre-requisite: Ceramics I*

Students will expand their skills taught in ceramic I to create advanced projects. They will be creating hand build objects and a variety of functional and artistic pieces thrown on the potter's wheel. Students will use of a variety of tools to create clay sculptures, handles, lids, tile works, combination pots, pitchers, and simple plates.

### **4032 Ceramics: Directed Study \*\***

**Grade 12 (semester)**

*Pre-requisite: Ceramics II*

This is an advanced ceramics course, students are directed to work on independent projects applying advance skills learned in Ceramics 1 and 2. They will refine their methods in hand building, potter's wheel, glazing, surface design, and loading and firing the kiln.

**4051 Digital Photography I****Grades 11-12 (semester)**

The content of this course includes the instruction of digital photography, layout, and design. Students will learn how to compose a photo with balance and correct photographic elements. They will also learn to use photo editing programs like Adobe Photoshop and Illustrator. Students must be able to work independently and as a team. It is strongly suggested that students have their own digital cameras. Minimum requirement: 3.5 Megapixels. No zoom requirements.

**4052 Digital Photography II \*\*****Grades 11-12 (semester)***Pre-requisite: Digital Photography I*

Digital Photography II students will learn the basics of photo image capture for events, activities and other school documentation from a photojournalist's perspective, as well as photography as a fine art. On the photojournalism side, assignments will include school-sponsored events and sports directly connected to yearbook deadlines. The processes of uploading images, file organization, image adjustment and enhancement, using Photoshop, will be taught and used on a daily basis. On the fine art side; project-based photography assignments will cover more advanced levels of lighting, exposure, composition and camera angles. Students will maintain a portfolio, which will include their work in both photojournalism and fine art. **It is suggested that they have their own digital cameras. Minimum requirement: 3.5 Megapixels.** No zoom requirements.

**4053 Digital Photography III \*\*****Grade 12 (year)***Pre-requisite: Digital Photography II*

This course includes photographing school and outside events for the school yearbook, newspaper, and other school publications. Students must be dedicated, responsible, and willing to spend time outside class or school to record a variety of school activities and events. Subjects covered will include, but not limited to: programs, activities, assemblies, sports, arts productions, etc. Students must be able to work independently and as a team. Most photographic equipment will be provided to the students but must be returned in like condition and working order. It is advised but not mandatory that students have their own camera to avoid shortages in the classroom. **It is suggested that they have their own digital cameras. Minimum requirement: 3.5 Megapixels.** No zoom requirements.

**4036 Yearbook I****Grades 11-12 (year)**

The primary objective of these courses is to produce the school yearbook. Students must be dedicated, responsible, and independent thinkers. Extra time outside of the class period, for information gathering, photography, and page layout assignments, may be required. Teamwork is an important part of the yearbook producing process. The realization of this goal utilizes skills of verbal and visual communication (planning, writing, computer graphics and design, editing, photography) and traits of leadership and responsibility. The courses present an excellent opportunity for students to learn the principals and practices of journalism, publishing, and related computer software and programs. Students must be dedicated, responsible, and willing to spend time outside class or school to record a variety of school activities and events.

**4037 Yearbook II \*\*****Grades 11-12 (year)***Pre-requisite: Yearbook I*

Same as Yearbook I, with added emphasis and rigor in practice of advanced skills, concepts, methods and techniques.

**4009 Band 07****Grade 7 (year)**

Students learn to play a wind or percussion instrument and experience what it is like to be a part of a band. This course offers the development of proper practicing and playing techniques such as correct embouchure, breath, volume, and pitch control for wind instruments, and time keeping, hand coordination, and proper sticking technique for percussionists. Both wind and percussion players learn to read and write music on a staff and develop the ability to count rhythm. As a band, students work together to develop a series of songs to perform at our Saint Louis Homecoming Football Game and our Winter and Spring Concerts.

**4011 Band 08****Grade 8 (year)**

Same as Band 7, with added emphasis on musical proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

**4013 Band [Marching] I****Grades 9-12 (year)**

Students use their ability to read music and play their instrument to achieve band unity for performance. The band marches in parades, plays at varsity football games, school open houses, assemblies, shopping malls, fundraising/charity events, and puts together a Winter and Spring Concert every year. Band members experience playing music in a variety of styles, keys, tempos and time signatures. They gain the ability to sight read and play with dynamics, while developing ear training and an understanding of music theory.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**4015 Band II [Marching] \*\*****Grades 10-12 (year)**

Same as Band I, with added emphasis on musical proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**4017 Band III [Marching] \*\*****Grades 11-12 (year)**

Same as Band II, with emphasis on ability to improvise, playing multiple instruments, and acquiring leadership skills.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**4019 Band IV [Marching] \*\*****Grade 12 (year)**

Same as Band III, with added rigor and emphasis on ability to improvise, playing multiple instruments, and acquiring leadership skills.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**5016 Hui O Nā 'Ōpio 7**

**Grade 7 (year)**

Students study the Hawaiian language and culture through oli, mele, and hula. Students will apply the knowledge learned through various media in order to perpetuate the culture and traditions. Oli and hula form the primary focus of this course.

**5018 Hui O Nā 'Ōpio 8**

**Grade 8 (year)**

*Cross-listed with Fine Arts/Music/Performing Arts*

Students study the Hawaiian language and culture through oli, mele, and hula. Students will apply the knowledge learned through various media in order to perpetuate the culture and traditions. Oli and hula form the primary focus of this course.

**5015 Hui O Nā 'Ōpio I**

**Grade 9 (year)**

Students study the Hawaiian language and culture through oli, mele, and hula. Students will apply the knowledge learned through various media in order to perpetuate the culture and traditions. Oli and hula form the primary focus of this course.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**5017 Hui O Nā 'Ōpio II \*\***

**Grade 10 (year)**

Same as Hui O Nā 'Ōpio I, with added emphasis on proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**5019 Hui O Nā 'Ōpio III \*\***

**Grade 11 (year)**

Same as Hui O Nā 'Ōpio II, with added emphasis on proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**5022 Hui O Nā 'Ōpio IV \*\***

**Grade 12 (year)**

Same as Hui O Nā 'Ōpio III, with added emphasis on proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

**By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]**

**4043 Videography****Grades 11-12 (year)**

This course is an introduction to video production that focuses on filmmaking as an artistic medium. Students will gain the in-depth knowledge and practical skills needed for video production and will have hands-on experience in videography and video/audio editing. Students will complete multiple projects throughout the year including music videos, public service announcements, and short narrative film.

**4081 Videography II \*\*****Grades 11-12 (1 year)***Pre-requisite: Videography I*

This course is designed to teach advanced skills, concepts, methods and techniques used in filmmaking. Students will expand on the knowledge and practical skills gained during Videography I as they are guided in developing personal style. Students will complete multiple projects throughout the year including documentaries, public service announcements, and short narrative film.

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# [HAW] HAWAIIAN STUDIES

## **5009 Hawaiian History**

**Grade 11 (semester)**

*(Offered to members of the Class of 2016 only)*

This course provides in-depth study of the history and culture of the Hawaiian people, with focus on their past, present, and future as it shaped their individual and collective realities. Content scope ranges from the post-western contact and the monarchy of Hawai'i, to the current issues of Hawai'i, including the Akaka Bill and OHA ceded lands settlement. Included are units on the political, economic, and social history of Hawai'i. Students will develop an understanding of the basic social and historical concepts shaping current issues.

## **5010 Geography and History of Hawaii**

**Grade 9 (year)**

- **Hawaiian Geography** - This course examines the geography and the human makeup of Hawai'i, as well as the causes and changes of the transformation of the area. The conceptual framework is built around the 5 themes of geography: location/place, environment, region, interaction, and movement. The course takes a critical look at the issues affecting Hawai'i from creation and formation of the islands to pre-western contact.
- **Hawaiian History** - This course provides in-depth study of the history and culture of the Hawaiian people, with focus on their past, present, and future as it shaped their individual and collective realities. Content scope ranges from the post-western contact and the monarchy of Hawai'i, to the current issues of Hawai'i, including the Akaka Bill and OHA ceded lands settlement. Included are units on the political, economic, and social history of Hawai'i. Students will develop an understanding of the basic social and historical concepts shaping current issues.

## **5014 Hawaiian Studies 06**

This introductory course to Hawaiian Studies focuses on instilling an appreciation for the Hawaiian culture and people while also developing a sense of place for where we live here in Hawai'i. Students will develop a basic understanding and knowledge of Hawaiian culture, language, history, art, music, and Hawaiian values.

## **5016 Hui O Nā 'Ōpio 7 Intro**

**Grade 7 (year)**

Students study the Hawaiian language and culture through oli, mele, and hula. Students will apply the knowledge learned through various media in order to perpetuate the culture and traditions. Oli and hula form the primary focus of this course.

## **5018 Hui O Nā 'Ōpio 8 Intro**

**Grade 8 (year)**

*Cross-listed with Fine Arts/Music/Performing Arts*

Students study the Hawaiian language and culture through oli, mele, and hula. Students will apply the knowledge learned through various media in order to perpetuate the culture and traditions. Oli and hula form the primary focus of this course.

**5015 Hui O Nā 'Ōpio I****Grade 9 (year)**

Students study the Hawaiian language and culture through oli, mele, and hula. Students will apply the knowledge learned through various media in order to perpetuate the culture and traditions. Oli and hula form the primary focus of this course.

By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]

**5017 Hui O Nā 'Ōpio II \*\*****Grade 10 (year)**

*Pre-requisite: C or higher in Hawaiian Language I*

Same as Hui O Nā 'Ōpio I, with added emphasis on proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]

**5023 Hui O Nā 'Ōpio III \*\*****Grade 11 (year)**

*Pre-requisite: C or higher in Hawaiian Language I*

Same as Hui O Nā 'Ōpio II, with added emphasis on proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]

**5025 Hui O Nā 'Ōpio IV \*\*****Grade 12 (year)**

*Pre-requisite: C or higher in Hawaiian Language I*

Same as Hui O Nā 'Ōpio III, with added emphasis on proficiency in theory, practice, and performance to teach advanced skills, concepts, methods and techniques.

By default, this class is awarded a Fine Arts credit; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of Fine Arts [pending administration approval.]

**5001 Hawaiian I****Grades 9-12 (year)**

An introduction to basic speech patterns, vocabulary, and Hawaiian culture. Hawaiian I is designed to begin developing the skills of listening, comprehending, speaking, reading and writing the Hawaiian language. This course includes units on the history of the language, people, origins, society and values. Upon successful completion of this course, the student should be able to hold a basic conversation in Hawaiian.

**5003 Hawaiian II\*\*****Grades 9-12 (year)**

*Pre-requisite: Hawaiian I*

A continuation of Hawaiian I. Students will continue to develop skills in reading, writing, speaking and understanding the Hawaiian language. Upon successful completion of the course, the student should be able to hold an intermediate level conversation in Hawaiian.

**5005 Hawaiian III Honors\*\*****Grades 10-12 (year)**

*Pre-requisite: Hawaiian II*

This honors level course is designed to deepen a student's understanding of the Hawaiian language and culture. Lessons will include Hawaiian readings and the development of creative writing skills. Students will also do translation work on reading materials for Hawaiian immersion students. Tutoring of beginning language learners will be expected.

**5007 Hawaiian IV Honors\*\*****Grades 10-12 (year)***Pre-requisite: Hawaiian III*

This honors level course is designed to deepen a student's understanding of the Hawaiian language and culture. Lessons will include Hawaiian readings and the development of creative writing skills. Students will also do translation work on reading materials for Hawaiian immersion students. Tutoring of beginning language learners will be expected.

**5020 Ka Lamakū No'eau\*\*****Grades 11–12 (year)**

This class is designed to develop leadership and personal growth in student to encourage pursuit of post high education using CME's while connecting with the Hawaiian spirit and culture. Must be a member of Hawaiian Academy (Kauhale Kāna Lui)

**5021 Ka Lamakū No'eau Lab\*\*****Grades 11–12 (year)**

Student must be enrolled in the Hui II and Ka Lamaku No'eau class to take lab. Student will put into academic practice the theories taught in class by becoming an alaka'i for Intro to HUI 7/8. Will apply "Ma ka hana ka 'ike" & "Nānā ka maka, Ho'olohe ka pepeiao" values and traditional Hawaiian learning methods by watching KUMU and applying learned 'ike.

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# [MAT] MATHEMATICS

Middle school students enrolled in Algebra I receive high school credit. All placements are made through testing and department recommendation; all middle school courses are year-long. Three credits of mathematics are required for graduation. These three credits must include the successful completion of Algebra I, Geometry, and Algebra II. All courses are one-year long and earn one credit upon successful completion, except as noted. Math courses are geared toward preparing students for Advanced Placement for those who wish to pursue it. Courses are rich in reading, writing, problem-solving and critical thinking and include many applications of mathematics to the real world.

## **8001 Math 6**

**Grade 6 (year)**

In this course, students learn to model functions in numerical, symbolic (equation), table, and graphical forms; communicate mathematics in writing and verbally, justify answers and clearly label charts and graphs; explore and represent data in a variety of forms; use multiple representations to communicate their mathematical understanding.

## **8003 Math 7**

**Grade 7 (year)**

In this course, students acquire an algebraic and graphical understanding of functions; write, solve, and graph linear equations; recognize and verbalize patterns; model slope as a rate of change; communicate clearly to explain methods of problem solving and interpret results; investigate concepts presented visually and verbally.

## **8005 Math 8**

**Grade 8 (year)**

In this course, students prepare for their first course in algebra. This course includes writing algebraic models from a variety of physical, numeric, and verbal descriptions; solving equations using a variety of methods; justifying answers using precise mathematical language; relating constant rate of change to verbal, physical, and algebraic models; using technology to solve problems; reinforcing and extending the vocabulary of probability and statistics.

## **8015 Algebra I**

**Grades 9 -10 (year)**

A beginning course in Algebra with the primary purpose of preparing the student for the future mathematics courses outlined for work in mathematics and science. The student will gain an understanding of the properties of real numbers; formalize the language of functions; explore the behavior of functions numerically, graphically, analytically, and verbally; use technology to discover relationships, test conjectures, and solve problems; write expressions, equations, and inequalities from physical models; and communicate mathematics understanding formally and informally. A grade of C or higher will be required in order to be approved for enrollment in Algebra II.

## **8017 Algebra I Honors \*\***

**Grade 9 (year)**

Same as Algebra I with additional rigor in practice and application.

**8021 Geometry****Grades 9 -11 (year)***Pre-requisite: Algebra I*

This course is designed to acquaint the student with the geometric properties in mathematics necessary for further work in the field. The student will read, analyze, and solve right triangle and trigonometric functions within contextual situations; develop area formulas necessary for determining volumes of rotational solids, solids with known cross sections, and area beneath a curve; and explain work clearly so that the reasoning process can be followed throughout the solution.

**8023 Geometry Honors \*\*****Grades 9-10 (year)**

Same as Geometry I with additional rigor in practice and application.

**8027 Algebra II \*\*****Grades 10-12 (year)***Pre-requisite: Algebra I and Geometry [Algebra I C- or lower will require SS Bridge to Algebra II course assignment]*

This course studies the algebraic procedures used in coordinate geometry and analytic trigonometry. Emphasis is placed on the structure and methods of algebra and on general concepts such as the linear system, complex number system, functions. Connections are made between mathematics and the real world through many application problems. The use of the graphing calculator is integrated throughout the course. The student will develop the algebra of functions through operations, composition, and inverses; read and analyze contextual situations involving exponential and logarithmic functions; work with functions graphically, numerically, analytically, and verbally; learn optimization problems; Compare the relative rate of change of linear and exponential functions; learn the concept of infinite sum as a limit of partial sums; and work with statistics in numerical summaries, calculations using the normal curve, and the modeling of data.

**8029 Algebra II Honors \*\*****Grades 10-11 (year)**

Same as Algebra II with additional rigor in practice and application.

**8031 Pre-Calculus \*\*****Grades 11-12 (year)***Pre-requisite: C in Honors Algebra II, B in Algebra II*

In this course, the student will gain an introductory understanding of convergence and divergence; collect, analyze, and draw conclusions from data; solve problems in contextual situations dealing with polynomial, rational, logarithmic, and trigonometric functions; model motion using parametric equations and vectors; develop an intuitive understanding of the limiting process and of continuity; justify his reasoning and understanding verbally, in writing, and with models; use technology to explore and support conclusions.

**8033 Pre-Calculus Honors \*\*****Grades 11-12 (year)***Pre-requisite: B in Algebra II, or C in Algebra II Honors*

Same as Pre-Calculus with additional rigor in practice and application.

**8035 Advanced Placement CALCULUS AB \*\*****Grades 11-12 (year)***Pre-requisite: C in Honors Pre Calculus, B in Pre Calculus*

This course is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, axiomatic geometry, trigonometry and analytic geometry. It is not assumed that they have acquired a sound understanding of the theory of elementary functions. Students are encouraged to take the Advanced Placement test in Calculus to earn college credit.

***Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.***

**8037 Advanced Placement CALCULUS BC \*\*****Grades 11-12 (year)***Pre-requisite: C in Calculus AB or achieving a 3 or higher on the AP Calculus AB Exam*

This course is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, axiomatic geometry, trigonometry and analytic geometry. It is not assumed that they have acquired a sound understanding of the theory of elementary functions. Students are encouraged to take the Advanced Placement test in Calculus to earn college credit.

***Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.***

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## [PE] PHYSICAL EDUCATION

### **9001 Physical Education 6**

**Grade 6 (year)**

Students are introduced to a variety of team sports, individual sports and non-traditional sports/ activities. In each sport they will learn the required techniques, motor and manipulative skills needed to perform each sport/ activities. Along with each sport students will explore a wide range of health topics from substance abuse, nutrition, components of fitness to hygiene. Assessment of students will be through formative observation and summative tests, quizzes, written assignments and projects.

### **9003 Physical Education 7**

**Grade 7 (year)**

Same as PE 6, with added rigor in practice and application; students grouped as grade level 7.

### **9005 Physical Education 8**

**Grade 8 (year)**

Same as PE 7, with added rigor in practice and application; students grouped as grade level 8.

### **9011 Health**

**Grades 11-12 (semester)**

Required for graduation, this course utilizes a holistic approach, which emphasizes the many facets related to optimum health; i.e., mental, social and physical. Students learn to improve and maintain their own personal health and take responsibility for their health status. Individual and group activities are used to help students develop a greater appreciation for good health habits. Topics covered are drug prevention, positive decision making, mental health, nutrition, hereditary/reproduction, infectious diseases/STD, CPR and emergency care.

**First Aid & CPR/AED Text & Certification: \$25.00 additional fee - make check payable to Saint Louis School**

### **9007 PE I Team Sports**

**Grades 9-12 (year)**

Students are introduced to team sports and the five components of physical fitness. Sports activities include touch and flag football, volleyball, basketball, soccer, speedball, softball, weight training, wrestling and tumbling, track and field and ultimate Frisbee. Assessment of students will include physical fitness battery of tests and written and skills tests for each quarter.

### **9009 PE II Team Sports \*\***

**Grades 9-12 (year)**

Same as PE I, with added rigor in practice and application.

### **9023 Sports Performance & Lifetime Fitness**

**Grades 10–12 (semester)**

Students improve individual performance through proper exercise that will include agility, cardio, and weight-training skills. Sports and other physical activities will be incorporated into the course. Students develop personal goals in an area of interest such as athletic performance, fitness, body composition, cardiovascular endurance, and others. Primary assessment will be an evaluation of student progress as they strive to accomplish their goals.

**9015 Kinesiology/Sports Medicine \*\*****Grades 10–12 (year)**

This course introduces students to the study of human movement and the acute and chronic effects of physical activity and training on the body. Course content shall include basic anatomy, physiology, biomechanics, and motor development. Emphasis will be placed on the recognition and management of common musculoskeletal injuries. Students will also be introduced to current philosophies, procedures and practices relating to sports medicine and the treatment and care of athletic injuries. Course content shall include an introduction to medical careers, athletic training domains, medical terminology, and human anatomy with an emphasis on injury prevention, assessment and rehabilitation. Students will also be required to complete ten practicum hours outside of class under the direct supervision of a medical professional.

*Can apply as either PE or SCI credit.*

**9019 Weight Training \*\*****Grades 11-12 (year)**

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardio-respiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Course includes lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

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## **[JROTC]ARMY LEADERSHIP EDUCATION TRAINING (LET)**

*Participation in the JROTC program does not obligate the cadet in any way for future military service.* The Army JROTC program's objectives are to develop in each cadet a sense of patriotism and good citizenship, leadership traits and self-discipline, communication and teamwork skills, and physical fitness as well as interest in a possible military career. All skills taught are useful in all career fields and in daily living.

### **7001 LET I**

**Grades 9-12 (year)**

This course introduces American symbols, customs and traditions and the history and purpose of Army JROTC. Students study the essential skills needed to maximize learning potential and future success. Over the course of the first semester, students individually assess their current skill sets and work to develop maximum potential. The course includes opportunities to apply learning theory and techniques to improve study, communication and planning skills. LET 1 students also explore social responsibility, conflict resolution, and service learning opportunities.

**By default, this class is awarded a JROTC credit [JRO]; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of JROTC [pending administration approval.]**

### **7003 LET II \*\***

**Grades 10-12 (year)**

This course helps develop an appreciation for the importance of physical fitness in maintaining good health and appearance. Cadets learn basic information about nutrition and exercise in addition to first aid for emergency and non emergency situations. This includes an introduction to drug awareness: the use and effect of drugs, alcohol and substances. Values and principles that underlie good citizenship are studied with emphasis on topics such as the importance of the United States Constitution and Bill of Rights; responsibility of U.S. citizens; basic national values; the U.S. federal justice system; and service to the community. In conjunction with citizenship, cadets are introduced to a variety of significant events and historical figures that contributed to our citizenship and American history. Ethics and leadership theory are introduced. Cadets must pass with a C or higher to continue in the program

**By default, this class is awarded a JROTC credit [JRO]; successful completion of consecutive years of course gives the option of receiving P.E. credit in place of JROTC [pending administration approval.]**

### **7005 LET III \*\***

**Grades 11-12 (year)**

This course will help to further understand and apply basic leadership skills (principles, styles, values, the BE, KNOW and DO attributes). Cadets will have the opportunity to demonstrate, be assessed on, and evaluated on their leadership potential through the application of these concepts in command or staff positions. The course introduces the communication process among individuals as well as principles of writing, speaking, and listening. Students will describe the basic principles necessary for preparing and presenting effective oral communications and will have numerous opportunities to present information/ideas orally and in writing. The course introduces basic guidelines for managing conflict and communication skills necessary for finding solutions to resolve conflicts. Ethics and leadership theory are discussed and presented. Cadets must pass with a C or higher to continue in the program. Acceptance as a LET 3 is contingent upon Senior Army Instructor approval.

**7007 LET IV \*\***

**Grade 12 (year)**

This course continues to build cadets' leadership development by concentrating on basic individual leadership responsibilities/techniques and introducing the responsibilities of team leaders. Cadets will have the opportunity to identify the impact of their actions on themselves as well as on other team members in the areas of individual responsibility, self-reliance, follower-ship, and team work. Cadets will be introduced to the basic principles of management, how leaders use these principles, to effectively manage resources, and the basic differences between leadership and management techniques. Students will deliver instruction using accepted principles and methods of instruction. Students will develop lesson plans and graphic organizers; recognize how to determine the material that they must review and rehearse prior to delivering instruction. Ethics and leadership theory are presented and discussed. Cadets must pass with a C or higher to continue in the program.

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## [REL] RELIGION

### 1001 Religion 6

Grade 6 (year)

Students will learn the different components of Catholicism while developing an understanding of how God is a part of our daily lives. The focus will be on the Old Testament, learning about our ancestors in faith and recognizing in their story parallels with our own faith journey.

### 1003 Religion 7

Grade 7 (year)

Students will gain a basic understanding of the teachings of Jesus, how to live out those teachings, and will explore an overview of articles of the Deposit of Faith: Tradition and Scripture. Emphasis is based the Sacraments and on how a Catholic-Marianist models the life of Jesus.

### 1005 Religion 8

Grade 8 (year)

We Live Our Faith as Members of the Church presents the church from the beginning at the Pentecost event through her history, encompassing her teachings and Tradition. It presents the mission of the Church, entrusted to her by Jesus, as the responsibility of all baptized Catholics.

### 1007 Religion 9

Grade 9 (year)

**Our Creed** The first semester of this course provides incoming high school students with an overview of Catholic faith and basic Christian precepts and beliefs. The course will focus on the divine revelation of Jesus Christ that is offered to us through the Blessed Trinity and the lives of Mary and the saints. The students will explore their personal relationship with God as it is reflected in their creation, growth, and salvation. Finally, the students will reflect on the lives of the Blessed Virgin Mary, the Apostles, the saints, and the Holy Catholic Church in order to discover what it means to be holy and a true disciple of Christ.

**Revelation of Jesus through the Church** The second semester focuses on the revelation of Jesus through the Catholic Church, its history, and its practice. The students will explore the history, development, and growth of the Church and its impact on their lives and the world. The course also will focus on exploring the different models of the Church and the Church organization and hierarchy as well as the presence of Christ in the seven sacraments and Church liturgy. Finally, students will learn how to be active participants in the Church's mission to bring Christ to the world.

### 1009 Religion 10

Grade 10 (year)

**Jesus Christ: Person of Jesus** Understanding God in Revelation and Faith as we examine the self-disclosure of Jesus, the Incarnate Son of God. Jesus is viewed as the Model of Humanity, model of the Saint Louis Man, as he faced challenges of suffering and pain.

**Your Life in Christ: His Mission and Ministry** Presents the Christian vision and purpose of life; the development of character, especially the ideals of a Saint Louis Man; the role of the community of faith as a primary instrument to motivate and train apostles; formation and use of conscience; and an understanding of sin and forgiveness as constitutive elements of Moral Life. Self-reflection and analysis of various moral views and critical examination of moral issues within contemporary culture help shape a disciple of Christ.



**1011 Religion 11: Comparative Religions****Grade 11 (year)**

This course will provide a basic overview of the main religions of the world including but not limited to Hinduism, Buddhism, Judaism, Christianity, and Islam as well as the different Christian denominations and some humanistic philosophies. The student will use this basic knowledge to find similarities and differences between the different belief systems, moral codes, rituals, and communities of these religious traditions. Through dialogue, students will be able to reflect on different answers to questions regarding the meaning of life, what it means to be human, the concepts of right and wrong, and life after death according to the different religions of the world. The course will conclude with an overview of the Catholic Church's teaching on ecumenism and interreligious dialogue; which is how we, as Catholics, should interact with these different Christian and non-Christian traditions in our common quest to understand truth the mysteries of life.

**1013 Religion 12****Grade 12 (year)**

This senior course addresses two valuable areas of teaching for the maturing high school student: Catholic Social teachings and adult vocations.

**Social Teachings:** An introduction of the church's rich body of social teaching that comes to us from the essential writings of the popes, highlighting the works of Pope Leo XIII onward. While exploring how societies work, an overarching theme is a discussion of the foundational values that ought to govern a society. Two important principles are highlighted – the dignity of the human person and respect for life – as foundational to supporting concepts like the common good, the preferential option for the poor, solidarity among all the people, and the stewardship of resources.

**Lifestyles:** Focuses on adult vocations in the two sacraments at the service of communion: marriage and priesthood. The discernment of these vocations involves preparation through living a chaste single life, which is essential to living the permanent single vocation. For both women and men, lay and ordained, careful deliberation is also given to the various callings of the consecrated life.

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## [SCI] SCIENCE

### **1101 Science 6**

**Grade 6 (year)**

Students will gain an understanding of science and its processes as well as the knowledge that comes from scientific research. Students are encouraged to view science as an interaction between facts and ideas and to understand its application to society. Emphasis is placed on building the solid academic foundation required for success in high school and college.

### **1103 Science 7**

**Grade 7 (year)**

The focus of the seventh grade curriculum is on scientific inquiry and the life sciences. The curriculum is divided into four units: cells and heredity, scientific investigation, diversity of life, and the human body. Students are required to participate through experiments and laboratory exercises. Emphasis is placed on communicating science effectively through observation, data recording, and producing written lab reports. Each student is also required to participate in the school-level science fair, which is quarter-long endeavor that culminates in Semester 2.

### **1105 Science 8**

**Grade 8 (year)**

The focus of the eighth grade curriculum is on science in society and the physical sciences. Students will investigate matter, energy, and basic chemistry while incorporating scientific inquiry. Students develop the skills and techniques used in science through hands-on activities. Emphasis is placed on developing the skills of problem investigation, analysis, and evaluation through employing the scientific method. Each student is also required to participate in the school-level science fair, which is quarter-long endeavor that culminates in Semester 2.

### **1122 Robotics 6**

**Grade 6 (semester)**

Robotics 6 is designed to provide students interested in a STEM-oriented career an overview of a variety of engineering fields. Students will learn the necessary skills that engineers use to design, create, and test systems and will use the engineering process as a method to solving problems. The course is project-based and will have many group learning activities. Students will use science, math, and technology, along with critical thinking skills to solve real-world problems. The course introduces the key design, construction, and programming skills required in the field of robotics.

### **1123 Robotics 7**

**Grade 7 (semester)**

Same as Robotics 6 with added rigor in practice and application; students grouped as grade 7.

### **1124 Robotics 8**

**Grade 8 (semester)**

Same as Robotics 7 with added rigor in practice and application; students grouped as grade 8.

**1109 Biology****Grades 9-10 (year)**

A college preparatory course that examines the major discoveries of the living world, the relationship of humans to other life forms, how science works in the real world, as well as human physiology. Emphasis is placed on building the solid academic foundation required for success in high school and college. Students reinforce what they have learned in class utilizing a variety of laboratory equipment to perform both wet and dry labs.

**1111 Advanced Placement Biology \*\*****Grade 11-12 (year)**

*Prerequisites: Completion of Biology AND Chemistry with a B or higher*

This course follows the sequence of topics outlined in the latest Advanced Placement Biology Course Description Booklet by the College Board. Most college texts, such as Biology by Campbell, follow a similar format. Teams share the variety of experimentation required for any one investigation and enter data on the class computer for processing at a later time.

***Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.***

**1113 Chemistry \*\*****Grades 10–12 (year)**

*Prerequisites: C or higher in Biology, Algebra I*

Chemistry is a course designed to give the student an understanding of science and its processes as well as the knowledge that comes from scientific research. Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: characteristics of matter; energy transformations during physical and chemical change; atomic structure; periodic table of elements; bonding; mole concepts; chemical equations; behavior of gases; properties of solutions; acids and bases; oxidation-reduction reactions; nuclear chemistry and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives. This is a college preparatory lab-oriented course that uses an approach in examining the major discoveries of Chemistry, use exploration and investigation to apply creative thinking and open-minded lab work, and how science relates to topics and problems in the real world. Emphasis is placed on laboratory safety and procedures and building the solid academic foundation required for success in high school and college. Students reinforce what they have learned in class utilizing a variety of laboratory techniques.

**1115 Advanced Placement Chemistry \*\*****Grades 10-12 (year)**

*Prerequisite: B or higher in Chemistry*

The Advanced Placement Chemistry course is designed to be the equivalent of the general chemistry course taken during the first year of college. Students attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course contributes to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. Topics include a rigorous mathematical approach to topics covered in first-year chemistry (mathematics of chemistry, laboratory safety and procedures, chemical foundations, atoms-molecules-ions, stoichiometry, chemical reactions and equations, gases-liquids-solids, thermochemistry, atomic theory and structure, chemical bonding, properties of solutions, kinetic theory, equilibrium, acids-bases-salts, electrochemistry, nuclear chemistry, structure and organization of the periodic table, organic chemistry, and related career opportunities) and extension of general chemistry topics to the college level. The course is designed to prepare students for the Advanced Placement test that occurs in May and provide a lab experience equivalent to that of a typical college course.

***Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.***

**1121 Marine Biology \*\*****Grades 11-12 (year)***Prerequisite: Completion of Biology and Chemistry with a C or higher*

Marine Biology is a college prep course designed to study organisms that live in the sea. The four main sections to be investigated are: Principles of Marine Science, Organisms of the Sea, Structure and Function of Marine Ecosystems, and Humans and the Sea. The course will include labs and projects as a means of exploring these concepts in more depth. It will also emphasize observation, scientific inquiry, and organization and analysis of data.

**9015 Kinesiology/Sports Medicine \*\*****Grades 10–12 (year)**

This course introduces students to the study of human movement and the acute and chronic effects of physical activity and training on the body. Course content shall include basic anatomy, physiology, biomechanics, and motor development. Emphasis will be placed on the recognition and management of common musculoskeletal injuries. Students will also be introduced to current philosophies, procedures and practices relating to sports medicine and the treatment and care of athletic injuries. Course content shall include an introduction to medical careers, athletic training domains, medical terminology, and human anatomy with an emphasis on injury prevention, assessment and rehabilitation. Students will also be required to complete ten practicum hours outside of class under the direct supervision of a medical professional.

Can apply as either SCI or PE credit.

**1127 Robotics I****Grade 9 (year)**

Robotics is a course designed to provide Freshman students interested in a STEM-oriented career an overview of a variety of engineering fields. Students will learn the necessary skills that engineers use to design, create, and test systems and will use the engineering process as a method to solving problems. The course introduces the key design, construction, and programming skills required in the field of robotics. Students explore the science behind what makes a robot work, and collaborate in teams to design, build and program a robot. Concepts of electrical and mechanical engineering and computer programming are introduced. Students will also have the opportunity to meet with engineers and scientist to discuss careers in the STEM and related fields. There also will be opportunities for students to participate in the VEX and/or FIRST Robotics Competition.

**1129 Robotics II \*\*****Grade 10 (year)**

Same as Robotics I with additional rigor in theory.

**1131 Robotics III \*\*****Grade 11 (year)**

Same as Robotics II with additional rigor in theory and practice.

**1133 Robotics IV \*\*****Grade 12 (year)**

Same as Robotics III with additional rigor in theory, practice, application, and leadership.

**1117 Physics \*\*****Grades 10–12 (year)***Pre-requisite: C or higher in Chemistry, Algebra II*

A college preparatory physics course with lab that emphasizes developing the skills needed to succeed in a college level environment. Students are required to study physical phenomena from both a conceptual and mathematical point of view and perform laboratory experiments to reinforce the information they have acquired.

**1140 Advanced Placement Physics \*\*****Grades 11-12 (year)***Prerequisite: Grade of B or higher in Physics, concurrent registration in Pre-Calculus or higher.*

Advanced Placement (AP) Physics is a calculus-based second year physics course, which follows the Advanced Placement Physics B curriculum. Students will learn to work independently, with class time used for tutorial, lab and small group work.

*Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.*

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## [SOC] SOCIAL SCIENCE

### **1201 World Geography**

**Grade 6 (year)**

This course introduces concepts and ideas designed to study physical and cultural diversity toward the goal of an increased understanding of our world. Students learn various geographical concepts and explore major world regions while focusing on human - environment interaction. Specific topics for study include physical geography, population, culture, economy and social issues within each region.

### **1203 Introduction to U.S. History**

**Grade 7 (year)**

This introduction to the colorful legacy of the United States begins with the earliest settlers and cultures rooted in North America. The core of the class is based on crucial time periods. These units highlight keystone events that shaped our country and society, such as: Colonial Society, the American Revolution, the Constitution, and the Age of Reform. We close the year with the Civil War and Reconstruction. The historical content also serves as a medium for assessing student reading and comprehension skills.

### **1205 United States Government**

**Grade 8 (year)**

This course will focus on US History after the Civil War to the present, with an emphasis on governmental theory, institutions, practices, and civic participation.

### **5009 Hawaiian History**

**Grade 11 (semester)**

*(Offered to members of the Class of 2016 only)*

This course provides in-depth study of the history and culture of the Hawaiian people, with focus on their past, present, and future as it shaped their individual and collective realities. Content scope ranges from the post-western contact and the monarchy of Hawai'i, to the current issues of Hawai'i, including the Akaka Bill and OHA ceded lands settlement. Included are units on the political, economic, and social history of Hawai'i. Students will develop an understanding of the basic social and historical concepts shaping current issues.

### **1206 Saint Louis Man**

**Grade 9 (semester)**

The Saint Louis Man is a course designed to unravel and explore the multi-faceted enigma that is a Man of Faith, Intellect, Service and Destiny: the man we want all our sons to be. For over 100 years, St. Louis School has produced men who have translated the spiritual and educational foundation they received at Kalaepohaku into leadership roles in all segments of modern Hawaii. By studying these examples and gaining an understanding of the character traits that lead to distinction, all students will be aware of what constitutes a man of character and greatness. Students will be made aware of their own gifts and talents that will, in turn, point out potential life paths and missions.

**5010 Geography and History of Hawaii****Grade 9 (year)**

**Hawaiian Geography** - This course examines the geography and the human makeup of Hawai'i, as well as the causes and changes of the transformation of the area. The conceptual framework is built around the 5 themes of geography: location/place, environment, region, interaction, and movement. The course takes a critical look at the issues affecting Hawai'i from creation and formation of the islands to pre-western contact.

**Hawaiian History** - This course provides in-depth study of the history and culture of the Hawaiian people, with focus on their past, present, and future as it shaped their individual and collective realities. Content scope ranges from the post-western contact and the monarchy of Hawai'i, to the current issues of Hawai'i, including the Akaka Bill and OHA ceded lands settlement. Included are units on the political, economic, and social history of Hawai'i. Students will develop an understanding of the basic social and historical concepts shaping current issues.

**1211 World History****Grades 10 (year)**

This course covers the intellectual, cultural, political, diplomatic, social and economic history of Europe, Asia and the Americas. Students examine significant events in world history in order to gain a clear understanding of our world at the present time. The course encompasses the period from the Renaissance through the World Wars and continues into major movements to the present.

**1215 United States History****Grade 11 (year)**

This is a standard survey course of the important events, people, places and ideals of American History. The course will challenge students to recognize the complexity of human existence and the reality of human diversity, both within the nation and in a globalized society. Students will be encouraged to make connections between the events of the past, the contemporary world and themselves in order to define their own place in our American society.

**1219 United States Government \*\*****Grades 11-12 (semester)**

This course focuses on political theory, the foundations of American democratic institutions and the criminal justice system. Specific topics of study include the federal system, Constitutional law, civil rights and liberties.

**1223 Economics \*\*****Grades 11-12 (semester)**

This course introduces students to the principles of economics. Students study the basic problem of scarcity and how each society deals with it. Topics include supply and demand, production factors, marketing, labor, role of government, money and banking, a study of Hawaii's economy and its role in global economics.

**\*This course qualifies as fulfillment of 1/2 credit of the social science graduation requirement.**

**1213 Advanced Placement World History \*\*** **Grades 11-12 (year)**

The AP World History course provides a way to understand history and a foundation from which to view the complexities of today's world. Its emphasis on encounters and interactions provides a framework that is especially important. AP World History course is shaped by the six themes and the "habits of mind" that are outlined in the Course Description provided by the College Board. These overarching themes and the habits of mind foster critical thinking and encourage students to develop their own abilities and to truly be a part of the learning process.

*Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.*

**1217 Advanced Placement United States History \*\*** **Grade 11 (year)**

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students learn to assess historical materials and weigh the evidence and interpretations presented in historical scholarship. Students with a strong background in writing and analytical skills are encouraged to enroll.

*Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.*

**1221 Advanced Placement United States Government \*\*** **Grades 11-12 (year)**

Students are expected to take a year-end ETS (Educational Testing Service) Exam that may fulfill college level requirements. This course addresses all areas of the American political system from democratic political theory to the study of the federal system. Students focus on Constitutional law, civil rights and liberties, the bureaucracy, as well as the study of electoral campaigns and political parties. As a college level course, students are expected to complete numerous reading and writing assignments. Classes are lecture and discussion driven. Students with a strong background in writing and analytical skills are encouraged to enroll.

*Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.*

**1229 Advanced Placement Psychology \*\*** **Grade 12 (1 year)**

The aim of this course is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses. Students learn some of the explorations and discoveries made by psychologists over the centuries. They also assess the differing approaches adopted by psychologists, including the biological, behavioral, cognitive, humanistic, psychodynamic, and socio-cultural perspectives. Specific topics may include methodology, behaviorism, neuroscience, sensation and perception, developmental psychology, and intelligence and psychological testing.

*Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.*

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# [WL] WORLD LANGUAGES

The World Languages Department provides sequential learning in the following: Hawaiian, Japanese and Spanish. Each of these courses develops students' oral/aural understanding and reading skills with an emphasis on cultural appreciation. Each course is one credit, one year. While two years of a world language are required for high school graduation, students are strongly encouraged to complete three years of world language study. With instructor approval, advanced scholars may avail of language studies through Level IV as well as the individualized Directed Study program.

The following outlines the tiered ranking for all World Language courses at Saint Louis:

<b>Level I</b>	Introduction to basic speech patterns and vocabulary.
<b>Level II</b>	Increasingly complicated structural patterns.
<b>Level III</b>	Emphasis on oral competency and fluency.
<b>Level IV</b>	Higher degree of complexity in grammar, dialogue and cultural studies.

## **5001 Hawaiian I**

**Grades 9-12 (year)**

An introduction to basic speech patterns, vocabulary, and Hawaiian culture. Hawaiian I is designed to begin developing the skills of listening, comprehending, speaking, reading and writing the Hawaiian language. This course includes units on the history of the language, people, origins, society and values. Upon successful completion of this course, the student should be able to hold a basic conversation in Hawaiian.

## **5003 Hawaiian II\*\***

**Grades 9-12 (year)**

A continuation of Hawaiian I. Students will continue to develop skills in reading, writing, speaking and understanding the Hawaiian language. Upon successful completion of the course, the student should be able to hold an intermediate level conversation in Hawaiian.

## **5005 Hawaiian III Honors\*\***

**Grades 10-12 (year)**

This honors level course is designed to deepen a student's understanding of the Hawaiian language and culture. Lessons will include Hawaiian readings and the development of creative writing skills. Students will also do translation work on reading materials for Hawaiian immersion students. Tutoring of beginning language learners will be expected.

## **5007 Hawaiian IV\*\***

**Grades 10-12 (year)**

This honors level course is designed to deepen a student's understanding of the Hawaiian language and culture. Lessons will include Hawaiian readings and the development of creative writing skills. Students will also do translation work on reading materials for Hawaiian immersion students. Tutoring of beginning language learners will be expected.

**1417 Japanese I****Grades 9-12 (year)**

This is a year-long course which is designed to introduce students to basic Japanese vocabulary, grammatical structure, and cultural perspectives. It is directly tied to HCPS (Hawaii Content and Performance Standards) and equips students with skills needed to function in an international economy. At this level, students will learn formal verb forms, common expressions, hiragana (syllabic characters), and katakana (characters for foreign words and emphasis). In addition, up to twenty Chinese characters (or “kanji”) will be introduced.

**1419 Japanese II \*\*****Grades 9-12 (year)**

This is a year-long course which is designed to broaden student knowledge of Japanese vocabulary, grammatical structures, and cultural perspectives. It is directly tied to HCPS (Hawaii Content and Performance Standards) and equips students with skills needed to function in an international economy. At this level, students will learn informal verb forms and common expressions. In addition, up to twenty Chinese characters (or “kanji”) will be introduced.

**1421 Japanese III \*\*****Grades 10-12 (year)**

This is a year-long course which is designed to dovetail with the pursuit of foreign language study at the college level. It is directly tied to HCPS (Hawaii Content and Performance Standards) and equips students with skills needed to function in an international economy. At this level, students will begin learning how to express complex ideas using relative clauses, conditional clauses, hearsay patterns, and other advanced structures. In addition, up to twenty Chinese characters (or “kanji”) will be introduced.

**1423 Japanese IV \*\*****Grades 10-12 (year)**

This year-long course emphasizes the business and more formal forms of speech. Broader aspects of Japanese culture will be analyzed. Students apply growing proficiency in narration and description to an increased cultural and literature focus. Short stories, poetry, excerpts from selected literary sources, and authentic materials are included for reading and discussion.

**1437 Spanish I****Grades 9-12 (year)**

This is a Spanish course that focuses on the four key areas of grammar, vocabulary, conversation, and culture. In each unit, we will learn new grammar and vocabulary items while focusing on the culture of a particular Spanish-speaking country. Throughout the year, we will practice what we learn through conversing in class and preparing projects that demonstrate knowledge of the four key areas.

**1439 Spanish II \*\*****Grades 9-12 (year)**

This is the second level Spanish course that focuses more intensively on the four key areas of grammar, vocabulary, conversation, and culture. In each unit, we will learn new grammar and vocabulary items while focusing on the culture of a particular Spanish-speaking country. Throughout the year, we will practice what we learn through conversing in class and preparing projects that demonstrate knowledge of the four key areas.

**1441 Spanish III \*\*****Grades 10-12 (year)**

This is the third level Spanish course in which students apply previously developed content and skills to identify main ideas and significant details in oral and written presentations, read and interpret authentic materials, and narrate and describe in sentences or groups of related sentences. Students continue to refine their knowledge and understanding of the culture studies as well as their own by demonstrating behaviors appropriate to the culture. Grammar is integrated throughout this two-course sequence and is selected according to the language needs.

**1443 Spanish IV \*\*****Grades 10-12 (year)**

This is the fourth level Spanish course in which students apply previously developed content and skills to identify main ideas and significant details in oral and written presentations, read and interpret authentic materials, and narrate and describe in sentences or groups of related sentences. Students continue to refine their knowledge and understanding of the culture studies as well as their own by demonstrating behaviors appropriate to the culture. Grammar is integrated throughout this two-course sequence and is selected according to the language needs.

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# Advanced Placement Courses

*About Advanced Placement, About AP Courses (2012), from  
<http://www.collegeboard.com/student/testing/ap/about.html>*

***Additional AP Exam and materials fee of \$125.00 (does not include textbook and workbook costs). Students are required to take the AP Exam in May in order to receive a weighted grade for this class.***

Saint Louis School offers a number of Advanced Placement (AP) courses. Students who are ready for a unique learning experience will find exactly that in our AP classes. “Through AP’s college-level courses and exams, you can earn college credit and advanced placement, stand out in the admission process, and learn from some of the most skilled, dedicated, and inspiring teachers in the world... From the moment a student enters an AP classroom, he will notice the difference—in the teacher’s approach to the subject, in the attitude of his classmates, in the way he starts to think. In AP classrooms, the focus is not on memorizing facts and figures. Instead students will engage in intense discussions, solve problems collaboratively, and learn to write clearly and persuasively.”

## **ENGLISH**

- 2025 Advanced Placement English Language and Composition
- 2031 Advanced Placement English Literature and Composition

## **MATHEMATICS**

- 8035 Advanced Placement Calculus A/B
- 8037 Advanced Placement Calculus B/C

## **SCIENCE**

- 1111 Advanced Placement Biology
- 1115 Advanced Placement Chemistry
- 1140 Advanced Placement Physics

## **SOCIAL SCIENCE**

- 1229 Advanced Placement Psychology
- 1213 Advanced Placement World History
- 1217 Advanced Placement United States History
- 1221 Advanced Placement United States Government

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