

2015-2016

Kamehameha Schools Maui High School Course Catalog



*Hawaiian leaders prepared
for college and a global society*

Founded and Endowed by the Legacy of Princess Bernice Pauahi Bishop

Kamehameha Schools Maui

High School

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Course Catalog

2015-2016

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Values Statement

Aloha Ke Akua

Nui ke *aloha* o Pauahi i ke Akua, kona po‘e Hawai‘i, ka *‘imi na ‘auao* ‘ana a me ka *mālama* ‘ana i nā mea pono o kona lāhui.

Ua *‘ike pono* ‘o Pauahi i ka nui o kona waiwai ma ka honua a me ke *kuleana* i kau ‘ia ma luna ona. ‘O kēia ka mana‘o pono no ka ‘ohana Kamehameha e *ho ‘omau* i ko Pauahi *kuleana* me ka *ha ‘aha ‘a* a me ka hana pono.

‘Ihi‘ihi ke aloha o Pauahi i ke Akua a me Kona mea e piha ai.

Great was Pauahi’s love for God and the Hawaiian people, whom she served. Because she valued the pursuit of knowledge, she believed that education would be the key to their wellbeing. Pauahi was blessed with much worldly wealth and understood that this blessing was accompanied by profound responsibility. Therefore, it is fitting for the Kamehameha Schools ‘ohana, called upon to carry her legacy forward, to humbly do so through good thoughts and deeds that reflect the values of stewardship in her Will.

Kamehameha Schools is grounded in the Christian and Hawaiian values embraced by Ke Ali‘i Pauahi. *Aloha*, love and respect for the Lord, our natural world, and one another, is our foundation. *‘Imi na ‘auao*, the quest for knowledge and enlightenment, is essential for an educational institution such as Kamehameha. *Mālama*, caring for one another and all aspects of Pauahi’s legacy, will enable our institution to flourish. *Ike pono* urges us to integrate our intellect and our intuition. *Kuleana* denotes the responsibilities, which accompany our blessings. Let us *ho ‘omau*, persevere, with *ha ‘aha ‘a*, humility, in all that we do.

Vision

Kamehameha Schools is a dynamic and nurturing learning community committed to educational excellence. We assist people of Hawaiian ancestry to achieve their highest potential as “good and industrious men and women.” We do so by contributing to their development as people who are:

- grounded in spiritual and Christian values;
- intellectually, emotionally, and socially self-reliant;
- resourceful, resilient, life-long learners;
- equipped with the skills they need to succeed in endeavors of their choosing;
- responsible, ethical, contributing members of their multi-cultural and diverse communities, and
- prepared to practice and perpetuate the Hawaiian values and traditions of Ke Ali‘i Pauahi.

Mission

Kamehameha Schools' mission is to fulfill Pauahi's desire to create educational opportunities in perpetuity to improve the capability and well-being of people of Hawaiian ancestry.

Guiding Principles

- **Kamehameha Schools will honor Pauahi's sacred trust.** Ke Ali'i Pauahi established this institution on the foundation of her Christian beliefs, cultural pride and love for her Hawaiian people. The values of our Founder will guide our policies, programs, and behavior.
- **Kamehameha Schools will think inclusively as we serve people of Hawaiian ancestry.** Pauahi's love and concern for the well-being of her people knew no bounds. We will extend our geographic reach and serve a wider spectrum of educational needs.
- **Kamehameha Schools will develop and operate our educational programs and services as a system.** Our educational initiatives will address the multiple learning needs of students of all ages. Programs and resources will be integrated and managed to achieve maximum benefits.
- **Kamehameha Schools will establish alliances to address the educational needs of people of Hawaiian ancestry.** We recognize that more can be achieved by working with others and will do so in a manner that respects and builds upon their unique and profound strengths. We will partner with those who share our values and goals.
- **Kamehameha Schools will regard our 'ohana as a precious resource.** We will treat each other with respect, nurture expertise and talents, and recognize the contributions of all.
- **Kamehameha Schools will stand accountable for our words and deeds.** All those touched by Pauahi's legacy have special responsibilities. We will maintain respectful, two-way communication at all levels. Inclusive decision-making will be practiced.

Overview

Kamehameha Schools has been a symbol of educational excellence for Hawaiians for more than 100 years. The institution has grown from its modest beginning in 1887 when the School for Boys enrolled 37 students, to its current position as the largest private school in the nation with three campuses serving more than 4,000 students.

In 1994, the trustees of Kamehameha Schools announced that two K-8 campuses would be constructed; one on the island of Hawai'i and the other on Maui. This was followed in 1999 by a decision to expand each campus to include grades K-12. The Maui Campus has an enrollment of approximately 1,100 students in grades K-12.

Today, the tradition of excellence continues with a rich diverse curriculum designed to prepare students of high ability for college and leadership positions in a global society. The academic program is college preparatory and designed to challenge students to think critically and strive for academic success. All students must complete prescribed courses in mathematics, science, English, Hawaiian and/or world languages, physical education, fitness/health, speech, social studies, Christian Education, Hawaiian studies, and fine arts.

Christian Education is an important aspect of the educational program, and all students are required to participate in Christian Education classes and devotions. Christian values, heritage and history, ethics and a review of the three major denominations that have impacted the Hawaiian community are studied.

Christian values are also emphasized in traditional annual events and ceremonies such as Founder's Day and monthly chapel services.

Fostering pride in students' Hawaiian heritage is also an important school goal. Developing knowledge about and respect for Hawaiian values and traditions is part of the learning experience at Kamehameha. Students participate in a variety of cultural activities, including required academic courses and special events such as the annual Song Festival.

The Kamehameha Schools Maui High School is the foundation from which our students begin to build their careers. The objective is to provide the skills and knowledge necessary for each student to be positioned for success upon graduation. The High School continues the growth and development of the Elementary and Middle School to move students toward a post-secondary plan that best meets their individual needs.

Building upon the Middle School experience, students continue to be organized in interdisciplinary teams in grades 9 through 12. During their 11th and 12th grade years, students will participate in a rigorous college preparatory curriculum that takes place through a broad career known as a Career Academy. Students choose their academy based on their individual interests and aptitudes. The academy allows each student to develop his or her skills and knowledge directly linked to relevant real world applications found in the broad career fields related to his or her interests. This educational model aligns a strong academic preparation with career requirements. The goal of this model is to better position students for success by allowing them to match high school and post-secondary preparation with their career of choice.

Grades 9 & 10

The first two years of the high school experience are designed to:

- Build a strong academic foundation;
- Develop cultural, leadership and social skills;
- Provide individual career counseling and guidance;
- Explore abilities, aptitude and interests;
- Career exploration;
- Begin the development of a five-year plan (the four-year high school experience and the first year following graduation); and
- Develop the understanding necessary to choose an Academy that best aligns with their individualized five-year plan.

Grades 11 & 12

These two years continue to advance the 9th and 10th grade college preparatory curriculum through an academy model. Academies are designed to:

- Allow students to design purposeful plans that identify the continuing education path best suited to their goals after graduation;
- Show students the relevance of rigorous academic skills, which are increasingly important in most workplaces, leading to high-skill/high-wage employment;
- Expose students to career fields and entire industries so they learn broadly defined workplace skills relevant across many jobs; and
- Allow students to experience the type of activities required by the career fields within their scope of interest.

Academy of Arts & Communication

Designed for students who have career interests in performing, visual, literary and/or media arts.

Academy of Business

Designed for students who have career interests related to the business environment.

Academy of Information Technology

Designed for students who have career interests related to the study and application of principles and practices within the fields of computer technology and electronics.

Academy of Science & Natural Resources

Designed for students who have career interests associated with the health, environmental and/or natural resource fields.

As a system, Kamehameha Schools is transitioning from individual campus Student Learning Outcomes (SLOs) and Expected Student Learning Results (ESLRs such as KS Maui's I MUA) to a common tri-campus framework. This common framework is the Working Exit Outcomes (WEO) which was created by a tri-campus committee of teachers and administrators in June 2008, under the direction of the Vice-President for Campus Strategic & Academic Affairs and the campus Heads of School. The KS document identifies desired student learning outcomes, and provides a framework for educational standards necessary to reach those outcomes, in a context that reflects and honors Hawaiian knowledge, perspectives, and cultural practices.

Kamehameha Schools

Working Exit Outcomes Framework

Ke Ao Ho'oulu
Growth
He Hawai'i au mau a mau – I am a Hawaiian now and forever.
Embrace my identity as a Hawaiian.
E lawe i ke a'o a mālama, a e'oi mau ka na'auao - He who takes his teachings and applies them increases his knowledge.
Grow by identifying strengths and needs and pursuing appropriate actions.

Ke Ao Lani, Ke Ao Honua
Global
Kū i ke ao – Be of the world. To be like the world in which one lives.
Live in interdependence with all that surrounds me physically, spiritually, emotionally, and intellectually.
E ho'ōki i ka ho'ina wale o hō'ino 'ia mai ke kumu – One should never go home without some knowledge lest his teacher be criticized.
Embrace the collective experience in Hawai'i and the Pacific as a foundation for relating to the diversity of the world.

Ke Ao 'Imi Na'auao
Knowledge & Wisdom
Nānā i ke kumu – Look to the source.
Utilize various sources (i.e. kupuna, kumu, loa, mo'olelo, wahi pana, mo'omeheu) to foster inquiry and seek knowledge.
Ua lehelehu a manomano ka 'ikena a ka Hawai'i – Great and numerous is the knowledge of the Hawaiians. We create, share and apply knowledge in purposeful and relevant ways.
Engage in critical thinking to apply traditional knowledge to my contemporary context.
Lawe i ka ma'alea a kū'ono'ono – Take wisdom and make it deep.
Transform my knowledge through the blending of imagination, intuition and intellect.
He aupuni palapala ko'u; 'o ke kanaka pono 'o ia ko'u kanaka – Mine is a kingdom of education, the righteous man is my man.
Seek and apply knowledge ethically.

Ke Ao Pilina
Relationships
Hilina'i i Ke Akua – Trust in God.
Live a life reflective of Christian values.
*Ike nō i ka lā o ka 'ike; mana nō i ka lā o ka mana - Know in the day of knowing; mana in the day of mana.
Adapt successfully to various kūlana.

Hawaiian Glossary:
kaialu - community
kūlana - role and status
kumu - teacher
kūpuna - ancestor and elders
lāna - nation
loa - expertise
mo'omeheu - traditions
mo'olelo - story and history
'ohana - both nuclear and extended family
wahi pana - storied and historical places

Graduation Requirements

Subject Area	Courses Required	Credits	Credits Required
English	English 9	1.0	4.0
	English 10	1.0	
	English 11	1.0	
	English 12 or ENG 100 Expository Writing	1.0	
Communication	Speech Communication	0.5	0.5
Math	Algebra I	1.0	3.0
	Geometry	1.0	
	Algebra II *	1.0	
	Pre-calculus with Trigonometry	1.0	
	<i>*Students must complete up to Algebra II</i>		
Science	Biology	1.0	3.0
	Chemistry	1.0	
	<i>Select a third science course from the following:</i>	1.0	
	Agriscience/Aquascience; AP Biology, Environmental Science; Human Anatomy & Physiology; Intro to Biotech; Issues in Medicine; Marine Biology; Physics, Photonics		
Social Studies	Hawaiian Culture	1.0	4.0
	US History	1.0	
	World History	1.0	
	Hawaiian History	1.0	
World Language	Hawaiian 1 - <i>required for all Freshmen and new incoming students.</i>	1.0	2.0
	Must complete up to level 2 of a selected world language: Hawaiian; Japanese; Spanish	1.0	
	Recommendation: check college admission requirements to ensure the language selected will satisfy college admission minimum requirements.		
Health	Personal Health	0.5	0.5
Physical Education	Physical Education 9	0.5	1.0
	Physical Education 10	0.5	
Fine Arts	Select one (1) course from the following: Art History & Criticism; Art Studio; Concert Band; Chorus; Digital Photography; Guitar; Piano; ‘Ukulele	1.0	1.0
	OR select two (2) 0.5 credit courses from the following: Hana No‘eau; Hula; Theatre	0.5	
	<i>*Some courses have a prerequisite, see course description.</i>		
Papa Kāko‘o Seminar	Must be taken fall (0.5 credits) and spring (0.5 credits) semesters for all students grades 9-12.	1.0	4.0
Academy	Complete three (3) endorsement credits from a selected Academy	3.0	5.0
	Complete two (2) academy enhancement elective credits	2.0	
Non-credit Requirements	Swimming/Running Proficiency, Christian Education, Community Service/Service Learning, Guidance, Ka‘imi-Internship, Hō‘ike Nui, ‘Aha Mele, Founder’s Day		
Total Credits Required			28.0

Non-Credit Graduation Requirements

Christian Education Program

Pauahi recognized that one's spiritual development is as important as academic achievement. Accordingly, Christian Education is an integral aspect of Kamehameha's educational program. All students are expected to meet the requirements. Kamehameha Maui's Chaplain, Kahu Kalani Wong, is the director of the program.

- **Devotions** are held each morning to assist students and faculty members experience the presence of Jesus Christ here at Kamehameha Schools and in their daily lives. This is a time of worship and inspiration to bring the Bible to life.
- **Chapel** devotions consist of monthly chapel services that include Bible scripture readings, prayers, singing and short thought-provoking meditations.
- **Christian Education Class** - All students at Kamehameha Maui campus attend bi-monthly Christian Education classes throughout the year with specific themes for each grade level.

Clubs/Athletics

All students must participate in a sport or belong to one of the many clubs on campus. Here are some of the clubs students may participate in.

'Aha Ho'ohanohano (NHS)	HOSA	Peer Mediation
Drama Club	Interact Club	Quill & Scroll Society
"OMG!" - Oh My Globe!	Japanese Club	Student Council (ASKSM)
Hawaiian Ensemble	Nā Koa Media Club	Teens Under Construction

Community Service/Service Learning

All Kamehameha students are required to complete a minimum 60 hours of community service.

Guidance

Guidance classes are taught in grades 9-12. Sessions are conducted to assist students in their personal and social growth and to prepare them for college or other post high school careers. Guidance lessons take students from an awareness/knowledge level to the application and practice stage as they demonstrate their understanding.

Swimming/Running Proficiency

All Kamehameha students will demonstrate proficiency in swimming and running.

Ka'imi - Internship

All Kamehameha Schools Maui students are required to complete a minimum 40 hour internship that relates to their career academy endorsement. Internships provide students with an opportunity to explore and validate their career interests in a real work environment. Although the internship and Hō'ike Nui topics do not have to relate, students are encouraged to explore and discuss possible connections between internship and Hō'ike Nui with KSM's Career Liaison (Internship Coordinator) and their Hō'ike Nui advisor. Students may intern during one of the intersessions in their junior year and should aim to complete interning by the summer before their senior year.

Hō'ike Nui

All seniors are required to design, research, and present a Hō'ike Nui project. The focus of this project is selected by the student and should demonstrate an in-depth understanding of a particular area of interest which is aligned to their academy. Organization, researching and presentation skills will be sharpened throughout the project. The heart of Hō'ike Nui is to make connections between what is taught in school and a real-life situation that a student feels passionate about. It is also about taking service learning beyond the walls of Kamehameha Maui and giving back to their community.

Special Events

Founder's Day

Celebrated on December 19th, this is a celebration to remember and honor the birthday of Princess Bernice Pauahi Bishop, founder of the Kamehameha Schools. This campus event involves the entire student body.

'Aha Mele Song Festival

Every spring, the high school students participate in the Kamehameha Schools Maui 'Aha Mele Song Festival. Students share their gifts of voice and song by class and gender in a non-competitive performance.

Course Descriptions

The length of a course is indicated after the course title. Courses are offered either semester or yearlong. A/B means the course meets every other day. On a regular schedule, classes meet for 85 minutes.

ENGLISH

In high school language arts classrooms at Kamehameha Schools Maui, students develop their proficiency in language (listening and speaking) and in literacy (reading and writing), gaining important skills they will use on a daily basis as Hawaiian leaders in college or in 21st-century careers. Throughout their four years at KSM High School, students read, analyze, and evaluate a wide variety of fiction and non-fiction. They study important authors, poets, and playwrights of various historical periods or genres and critique their works. Students write and produce increasingly sophisticated research reports and multimedia presentations. The students build and apply oral and written skills to develop their ideas and express their thoughts effectively.

English 9 [MH02133] - Semester Daily

I Credit. Literature studies in English 9 revolve around the theme Search for Identity. Students read a wide range of fiction and non-fiction—from plays such as *Oedipus the King* and *Romeo and Juliet*, and from the fiction of Homer’s *Odyssey* and Steinbeck’s *Of Mice and Men*, to compelling non-fiction accounts such as Wiesel’s *Night*. Through the readings, discussions, classroom activities, and writing assignments, this course is designed to enhance and improve reading, critical thinking, and writing skills. Student writing focuses on summaries, letters to the editor, and literary analysis. Students review and utilize MLA format in their writing. Summer reading is encouraged. *Required for all freshmen.*

English 10 [MH02135] - Semester Daily

I Credit. American Literature is the literary focus for English 10, engaging students in an examination of the American experience through a variety of lenses. From reading *Death of a Salesman* or *Fahrenheit 451* to reading *Middle Son*, a novel set on a Maui sugar cane plantation, students are asked to compare and contrast their own personal experiences and understandings with the diverse perspectives they encounter in traditional and contemporary American literature. Students develop their ability to recognize and analyze literary symbols. They evaluate the writing craft of various authors in order to make informed choices when communicating their own messages. They utilize MLA format when producing their own research or literary analysis papers. In addition, students build academic vocabulary in preparation for the SAT exam. Summer reading is encouraged. *Required for all sophomores. Prerequisite: English 9.*

English 11 [MH02138] - Semester Daily

I Credit. Traditional and contemporary British and European compositions provide the basis for developing literature and language study in English 11. Shakespeare’s sonnets, Jonathan Swift’s satire, Anton Chekov’s short stories, and folk tales of both Leo Tolstoy and the Brothers Grimm reveal universal themes that complement Hawaiian myths and legends as well as proverbs from Pukui’s *‘Ōlelo No‘eau*. An exploration of current events launches students into relevant local, national, and global issues that complement their specific academy and provide them with opportunities for individual investigations. This course develops students’ reading, writing, speaking, and technological skills for college and other post-high school pursuits, with an emphasis on *persuasion*. There is a required summer reading assignment that must be completed and submitted by the end of the first day of school. *Required for all juniors. Prerequisite: English 10.*

English 12 [MH02136] - Semester Daily

I Credit. This senior-level course provides students with a program of writing, literature and language study. The emphasis is on literary analysis, research skills, and grammar and mechanics for college and other post-high school pursuits. Students become strategic users of the language process by developing and implementing strategies for a variety of purposes and audiences and evaluating and refining their effectiveness. The study of world literature includes both traditional and contemporary texts written for a variety of purposes and audiences. The

role of language in communicating and shaping thought and behavior will be examined. Students must complete a “summer reading” assignment by the end of the first week of the school year. Students are strongly encouraged to use the summer break to fulfill this requirement. *Prerequisite: English 11.*

Expository Writing - ENG 100 [MH02106] - Semester Daily

1 Credit. Expository Writing (ENG 100) discovers and applies the concepts of purpose, audience, and tone in writing. It emphasizes evaluating written texts and writing various types of essays, including writing from sources. The course focuses on developing critical thinking skills. This course is offered through UH Maui College. Upon successful completion, students earn three (3) college credits. *Prerequisites: C grade or better in English 11, cumulative GPA of 2.0 or higher and successful completion of UH Maui Compass test.*

COMMUNICATION

Speech Communication [MH02402] - Semester A/B

0.5 Credits. Introductory course teaches students to use their voice, body language, writing skills and presentation aids to become effective speakers and listeners. Topics covered: informal and formal speaking, volume and enunciation, organizing speeches for various topics and purposes and the effective use of PowerPoint. *Required for all freshmen.*

MATHEMATICS

In our highly technological age, a strong foundation in mathematics is more important than ever. Students leaving Kamehameha Schools Maui are more likely than ever to use mathematics in their work and in their everyday lives as they operate computers, plan timelines and schedules, read and interpret data, compare prices and manage personal finances, and perform other problem-solving tasks. To face the challenges of an ever-changing future, high school students need excellent preparation. What they learn in KSM math classes—and how they learn it—provides the foundation to face that exciting future. Student learn to reason abstractly and quantitatively. They learn to articulate and define problems then persevere in solving them. Students learn to construct sound, viable arguments as well as to critique the reasoning of others. Furthermore, through the math curriculum, they learn to recognize patterns, construct mathematical models, use appropriate tools strategically, and attend to precision in their work.

Algebra I [MH01201] – Year A/B

1 Credit. Algebra I is an introductory mathematics course organized around families of functions, with special emphasis given to linear and quadratic functions. Through investigations, students learn to represent these functions in a variety of ways—as verbal descriptions, equations, tables, and graphs. They also learn to model real-world situations utilizing linear and quadratic functions in order to solve problems arising from these situations. Topics covered in Algebra I include proportions, data analysis, variation and graphing, linear equations and functions, systems of equations, inequalities, exponents and laws of exponents, basic probability, introduction to quadratic and statistics. **School-owned TI-83 or TI-84 graphing calculators will be made available to students.** *Prerequisite: Placement test or teacher recommendation.*

Geometry [MH01221] - Year A/B

1 Credit. Geometry introduces key geometry concepts and mathematical reasoning through an investigative approach to learning that utilizes real-life situations. Students use their geometry textbook and computer software to investigate topics such as: the properties of circles, polygons, and triangles; angle relationships; transformation; area; perimeters; volumes; and the Pythagorean Theorem. Students develop quality definitions and conjectures and then produce paragraph proofs and flow charts to solve geometry problems. The course helps students prepare for the academy environment through the use of technology, problem solving, and projects. *Prerequisite: Algebra I or teacher recommendation.* Required purchase: ruler, compass and a protractor.

Algebra II [MH01202] - Year A/B

1 Credit. Advanced course integrates the many concepts of algebra with other topics, such as statistics, data analysis, functions, discrete mathematics, geometry, probability and trigonometry. Students work with data, real world situations and applications where investigations precede formulas and expressions. **School owned TI-83 Plus or TI-84 Plus graphing calculator will be made available to students.** *Prerequisite: Geometry.*

Pre-calculus with Trigonometry [MH01243] - Year A/B

1 Credit. This course strengthens algebra skills and investigates such topics as data analysis, exponential and polynomial functions, sequences, series, vectors, probability, analytic geometry, parametric, polar, circular and trigonometric equations through both traditional and application based methods. It is highly recommended if pursuing a field in business or science. *Prerequisite: Algebra II.*

Calculus I - MATH 205 [MH01240] - Semester Daily

1 Credit. This advanced course explores the basic concepts of differential and integral calculus, with emphasis on differentiation. The various functions are revisited, focusing on differentiation and its applications. It is highly recommended if pursuing a field in business or science. Course is offered through UH Maui College. Upon successful completion, students earn 4 college credits. *Prerequisites: (KS) C grade or better in Pre-calculus with Trigonometry, UH Maui Compass test placement at MATH 205 and ENG 100; teacher recommendation.*

Statistics - MATH 115 [MH01272] - Semester Daily

1 Credit. This intermediate course is designed to present basic statistical topics including measures of central tendency and dispersion, classification of variables, sampling techniques, elementary probability, normal and binomial probability distributions, tests of hypothesis, and linear regression and correlation. Course is offered through UH Maui College. Students earn 3 college credit hours upon successful completion. *Prerequisites: (KS) C grade or better in Algebra II, UH Maui Compass test placement at MATH 27 or MATH 100 and ENG 100, or teacher consent; teacher recommendation.*

SCIENCE

Hawaiians' reliance on knowledge derived from highly developed powers of observation has been critical in maintaining lives and communities acutely attuned to the natural world around them—earth, sea, and sky. In our modern society, knowledge of science, engineering, and technology continues to play a critical role in shaping lives that are healthy and connected—physically, intellectually, socially, and politically—to family, friends, community, and environment. Regardless of career path, scientific knowledge and methodologies play a major role in helping students understand the natural world around them and their place in it. Often, this knowledge also allows them to understand and participate in major social and public policy discussions of the day. Through the high school science curriculum at Kamehameha Schools Maui, students gain a solid foundation in scientific thought processes and methodologies.

Biology [MH01104] - Semester Daily

1 Credit. Biology is designed as a college prep course that provides students an opportunity to delve into the major principles and themes of modern biological science. The course focuses on developing students' ability to understand and conduct scientific inquiry, from identifying questions and concepts that guide a scientific investigation to designing and conducting their own laboratory investigations. Students will actively participate in group work, presentations, discussions, and lectures, and they will conduct labs individually as well as in groups. As a result of these activities, students will develop a comprehensive understanding of a cell and cell processes, the molecular basis of heredity, the process of biological evolution, and energy and organization in living systems. *Required for all freshmen.*

Honors Biology [MH01103] - Semester Daily

1 Credit. Honors Biology is an accelerated college prep course that, like the Biology course above, provides students with an opportunity to delve into the major principles and themes of modern biology. As a result, students develop understandings of the cell and cell processes, the molecular basis of heredity, biotechnology, the process of biological evolution, the interdependence of organisms, and energy and organization in living systems. However, while Honors Biology reviews the knowledge and skills necessary to do scientific investigations

in a laboratory setting, it also delves deeper into specific topics to develop in students a much more advanced level of understanding. Expectations and standards are set high—the instructor serves as a guide, but the students are expected to demonstrate initiative. In addition, Honors Biology students will look at the use of technology in the sciences, form ideas about science from a personal and social perspective, and explore the history and nature of science. *Prerequisite: A qualifying score on placement test. Teacher recommendation. Please contact Ms. Nacua about the placement test: brnacua@ksbe.edu.*

Chemistry [MH01109] - Semester Daily

1 Credit. Chemistry is an intensive, one-semester, lab-oriented, introductory physical science course covering basic chemical properties and concepts. The course is designed to meet entrance requirements for all public and private universities in the United States. Students become familiar with basic chemical concepts about atoms and molecules and how they interact. They collect and analyze data that validates known chemical properties during laboratory sessions. They construct graphs and then use formulas and equations to solve real world questions. Lab investigations thus help students develop a comprehensive understanding of scientific principles that govern our physical world. Topics covered in the course include: the scientific method, scientific notation, significant figures, stoichiometry, unit analysis, atomic structure, the Periodic Table of Elements, chemical bonding, gas laws, solubility, and equilibrium. Note: Due to the rigorous and quantitative nature of the course, it is recommended that students have a strong understanding of algebra and mathematical reasoning to be successful in this course. *Required for all sophomores. Prerequisite: Biology or Honors Biology.*

Honors Chemistry [MH01118] - Semester Daily

1 Credit. The Honors Chemistry course moves more rapidly, covers more material, and reaches a deeper level of understanding than does the basic Chemistry course. It is suited, ideally, for students considering a science major at the college/university level. The course requires a command of mathematics. Students analyze and manipulate data utilizing higher-level mathematics during laboratory investigations—challenging the students to test their skills in areas such as algebra, roots, logarithms, and quadratic equations. Topics covered include: the phenomena of heating and cooling matter, atomic structure, Periodic Table of the Elements, chemical bonding, empirical and molecular formulas, moles and stoichiometry, gas laws, solutions and solubility, enthalpy, equilibrium, acids and bases, and reaction rates. If time allows, an introduction to Organic Chemistry will be included. *Prerequisites: Sophomore standing and a qualifying score on placement test; teacher recommendation. Please contact Mrs. Forster about the placement test: loforste@ksbe.edu.*

Physics [MH01166] - Semester Daily

1 Credit. Physics is a college-preparatory laboratory science course designed to provide students with an understanding of the major concepts that provide the foundation for the science of physics. Students develop their understandings through active participation in lectures, practice activities, homework, labs, and tests. They are required to utilize logic and reasoning to solve problems in addition to analyzing empirical and graphical data. The course emphasis is on mechanics and includes topics such as velocity, vectors, acceleration, momentum, gravitational force, potential and kinetic energy, wave motion, and Conservation of Energy. *Prerequisites: Biology or Honors Biology and Chemistry or Honors Chemistry. Successful completion of Geometry and concurrent enrollment in Algebra II.*

Photonics [MH01139] - Semester Daily

1 Credit. This advanced Physics course is designed as a comprehensive study of the physical phenomena of light, lasers, and their applications. It is designed to mimic a college level, lab based class (lecture and discussion M, W, W; lab Tu, Th). Major concepts examined are reflection, refraction, diffraction, spectroscopy, and image formation. Some applications to be studied are microscopes, telescopes, and holography. This is a lab based course (at least one lab activity per week) that uses white light and lasers to investigate concepts. *Prerequisites: Biology or Honors Biology, Chemistry or Honors Chemistry, and Physics.*

AP Biology [MH01176] - Year A/B

1 Credit. AP Biology emphasizes the 4 “Big Ideas” within the AP Biology curriculum framework, and the connections, enduring understandings, between them. The course and lab work is equivalent to an introductory-level college course. Students passing the AP Biology exam with a 3 or better have the opportunity to earn college credit for the course, depending on the individual college’s requirements and policies. *Prerequisites:*

Grade of "B" or higher in both Biology and Chemistry with a 75% or better score on the placement test; teacher recommendation. Recommended prior coursework: Human Anatomy & Physiology and Intro to Biotech. Contact Mrs. Panglao about the placement test: mapangla@ksbe.edu.

Human Anatomy and Physiology [MH01145] - Semester Daily

1 Credit. Human Anatomy and Physiology is an intermediate level course which provides students with a systematic understanding of human anatomy and physiology. Students examine each body system on a gross scale as well as on a microscopic level in order to understand their interrelationships. Laboratory investigations are included in the course as well. *Prerequisites: Biology or Honors Biology and Chemistry or Honors Chemistry.*

Introduction to Biotechnology [MH01169] - Year A/B

1 Credit. Introduction to Biotechnology is an intermediate level course that introduces students to the rapidly growing field of biotechnology. Students study cells, DNA, and proteins in order to understand how these things can be manipulated to create new biotech products within the fields of medicine and agriculture. Ethical implications and social considerations will also be addressed. The course has a strong laboratory component with students participating in labs at least two days each week. Basic lab skills, along with advanced techniques such as PCR, bacterial transformation, and gel electrophoresis, are covered. Introduction to Biotechnology is considered college-prep. Students successfully completing the course should transition easily into introductory and intermediate college courses in biology, microbiology, cell biology, and genetics. *Prerequisites: Biology or Honors Biology and Chemistry or Honors Chemistry.*

Issues in Medicine [MH06260] - Semester Daily

1 Credit. This intermediate course explores the reality of working as a health professional. The course will focus on current issues, ranging from legal and ethical matters to local and global concerns, pertaining to health care, with a strong emphasis on critical thinking and communication skills. A variety of controversial issues, such as abortion, genetic screening, euthanasia, etc., will be covered, along with career explorations and patient simulations. *Prerequisites: Biology and Chemistry.*

Agriscience / Aquascience [MH09635] - Year A/B

1 Credit. Agriscience and Aquascience are combined in this course which is designed to introduce and develop skills required to create and maintain agricultural plots and aquatic fish farms. Students will engage in hands-on activities, group projects, laboratory experiments, field trips, and classroom discussions. Course topics include botany, aquatic biology, chemistry, irrigation, hydroponics, the nitrogen cycle, and farming methods. Classroom study is integrated with practical onsite production activities through the creation of agricultural plots and fish ponds utilizing aquaponics. Offered every other year. Offered school year 2016-2017. *Prerequisites: Biology or Honors Biology and Chemistry or Honors Chemistry.*

Environmental Science [MH01142] - Year A/B

1 Credit. Environmental Science introduces students to environmental issues and local and global problems facing our technological society. Topics presented in this course include environmental history, ecological cycles, local and global current events, alternative energy sources, population and community ecology, and sustainability. The course emphasizes group activities and fieldwork to develop student awareness and understanding of their Hawaiian environment. This includes a project designed and constructed on campus. Offered every other year. Offered school year 2015-2016. *Prerequisites: Biology or Honors Biology and Chemistry or Honors Chemistry.*

Marine Biology [MH01132] - Year A/B

1 Credit. Marine Biology engages students in the investigation of physical and chemical aspects of the ocean while exploring ecological principles and identifying human impacts on marine environments. Topics presented in the course include examination of the chemical and physical properties of water, coral reef ecology, marine plants, marine invertebrates, marine fishes, marine mammals, and reptiles. The course is highly interactive and hands-on. Frequent field activities are scheduled, weekly labs include dissections, and students maintain a number of marine aquaria. *Prerequisites: Biology or Honors Biology and Chemistry or Honors Chemistry.*

SOCIAL STUDIES

At Kamehameha Schools Maui, high school social studies courses focus on content in specific areas such as culture, history, geography, government, individuals and society and economics. While one of these discipline areas may be the major focus of an individual course, other discipline areas may serve in supporting roles or could be completely integrated into the study of the primary discipline. In each course, however, students develop skills for thinking, skills for inquiry and research, and skills for participation in a democratic society.

Hawaiian Culture [MH03204] - Semester Daily

1 Credit. This course introduces the culture of the Hawaiian people and focuses on the Hawaiian and his/her relationship to their natural surroundings, worldview as expressed in moʻolelo (traditional literature), the structure of traditional society and the roles of the various classes, traditional philosophies and their relevance to contemporary society. A survey on the life of Kamehameha and his impact on Hawaiian society will also be conducted. *Required for all freshmen.*

U.S. History [MH03154] - Semester Daily

1 Credit. This course examines the development of the United States through historical concepts of change, continuity, and causality. It requires students to judge the past on its own terms, not by present day or current standards, to understand people in the context of their times, and to also understand that standards and ideas are constantly changing. Students will examine key ideas, events, people, and movements in the United States, assisting them in developing their own personal, national, and world views necessary to make informed decisions. *Required for all Sophomores.* standards and ideas are constantly changing. Students will examine key ideas, events, people, and movements in the United States, assisting them in developing their own personal, national, and world views necessary to make informed decisions. *Required for all sophomores.*

World History [MH03170] - Semester Daily

1 Credit. This introductory course is designed to understand the record of the adventures of humankind throughout the world. Topics discussed will be themes of political change and economic development, the influence of geography on cultures, growth of science and technology, effects of contact between people of various civilizations and countries, and creativity in the arts. Students will engage in a variety of learning activities that encourage interaction and participation, as well as independent work. *Required for all juniors.*

Hawaiian History—Moʻolelo Hawaiʻi [MH03202] - Semester Daily

1 Credit. This course gives students an historical understanding of the people and events from Kamehameha on that gave shape to who we are as contemporary Hawaiians. Students will learn about pre-contact society and the changes which gave shape to our modern conception of ancient Hawaiʻi. They will study the effects of Westernization and colonization on Hawaiian political, social and economic systems. They will examine the specific events which led to the overthrow, annexation and subsequent admission to the Union as the 50th state, as well as the range of issues facing Hawaiians today, including the quest for sovereignty, challenges to Hawaiian entitlements and defining Hawaiian identity. Students will be challenged to formulate their own opinions on issues and take stands for what they believe in. *Required for all seniors.*

Modern World History [MH03157] - Semester Daily

1.0 Credit. Modern World History is broad in scope and focuses on ways in which geography, culture, government, and specialized labor have interacted to create the world in which we live today. The course investigates major events of human history chronologically from 1789 A.D. to the present, studying the 19th and 20th Centuries to understand their impacts on our 21st Century world. Topics include the French Revolution and Napoleonic Wars, the Industrial Revolution, the two World Wars, the Great Depression, the Cold War, the Technology Revolution, and the modern clash between Western Civilization and the Islamic world. Students will identify important people, places, events, and philosophical theories; think critically about both sides of issues; debate issues using cause and effect; interpret problems involving the political spectrum; and write complete and thoughtful essays. *Prerequisite: U.S. History.*

WORLD LANGUAGES

Hawaiian 1 [MH09570] - Semester Daily

1 Credit. Students learn to have a basic appreciation for and sensitivity to the mother tongue of this land. Students will become proficient in proper pronunciation of basic vocabulary and application of simple sentence patterns, including common greetings and useful everyday expressions. *Required for all freshmen and new incoming students.*

Hawaiian 2 [MH02232] - Semester Daily

1 Credit. This course expands the student's understanding of Hawaiian language and Hawaiian worldview through the development of four basic skills: listening, speaking, reading and writing. Topics discussed include greetings, home life and family, school life, nature and daily routines. *Prerequisite: Hawaiian 1.*

Hawaiian 3 [MH02235] - Semester Daily

1 Credit. This intermediate course further advances the student's knowledge of Hawaiian language and culture by review and mastery of the material previously taught. Students learn new vocabulary and sentence patterns through the study of poetic and narrative literature. Conversation in Hawaiian language is emphasized. *Prerequisite: Hawaiian 2 and teacher recommendation.*

Hawaiian 4 [MH02238] - Semester Daily

1 Credit. This advanced course provides opportunities for students to apply their language skills and fluency and to learn advanced forms of grammar. The majority of class will be conducted in Hawaiian. Emphasis is placed on original sources, such as literature, poetry, music, audio/video recordings, and the Hawaiian language newspaper collection. Counts towards Arts & Communication—Hawaiian Studies endorsement requirement. *Prerequisites: Hawaiian 3 or teacher recommendation.*

Honors Hawaiian 5 [MH02241] - Semester Daily

1 Credit. This challenging course is a continuation of Hawaiian 4, providing more opportunities for students to apply their language skills and fluency and to further their learning of advanced forms of grammar. The majority of the class will be conducted in Hawaiian and students are expected to actively participate in discussions. Emphasis is placed on original sources such as literature, poetry, music, audio/video recordings, and the Hawaiian language newspaper collection. In addition, students will conduct research and present the information both written and orally in Hawaiian. Special attention will be given to Hawaiian song composition. *Prerequisites: Hawaiian 4 and teacher recommendation.*

Japanese 1 [MH02208] - Semester Daily

1 Credit. This introductory course is recommended for those with little knowledge of the Japanese language. The content revolves around the student's school and family life; likes and dislikes, hobbies, daily routines, leisure activities and health. Speaking, listening, reading and writing skills are simultaneously developed. The complete *hiragana* and *katakana* syllabaries are taught for mastery. Elementary *kanji* are also introduced.

Japanese 2 [MH02210] - Semester Daily

1 Credit. This intermediate course builds upon the basic language knowledge developed in Japanese 1. Students will master Japanese greetings, conversation, grammar, culture and protocol. Students are required to read and write *hiragana* and *katakana*. More *kanji* will be introduced. *Prerequisites: Japanese 1.*

Japanese 3 [MH02212] - Semester Daily

1 Credit. This advanced course expands the student's knowledge of Japanese language, culture and builds awareness of traditional Japanese values. In preparation for dealing closely with Japanese people, cultural sensitivity and language proficiency (oral communication) is developed through sophisticated and highly cultural social situations. Students learn to interact and have respect for a culture and values that are different from their own. *Prerequisites: Japanese 2 and teacher recommendation.*

Japanese 4 [MH02213] - Semester Daily

1 Credit. This advanced course conducted in Japanese provides intensive review of grammar, emphasizes conversation, correct pronunciation and writing, extensive vocabulary development, comprehension, and self expression. Selected readings from Japanese and Japanese-American authors are introduced. *Prerequisites: Japanese 3 and teacher recommendation.*

Spanish 1 [MH02214] - Semester Daily

1 Credit. This introductory course develops linguistic proficiency in the domains of listening, speaking, reading and writing. This course also develops cultural awareness and sensitivity to the Hispanic culture. Topics covered: useful phrases, greetings and goodbyes, asking how someone is, talking about likes and dislikes, wants and needs, describing the contents of a room, people and things, telling time, talking about class events, the weather and about family life.

Spanish 2 [MH02216] - Semester Daily

1 Credit. The intermediate course continues to develop linguistic proficiency in the domains of listening, speaking, reading, and writing. It also continues to develop cultural awareness and sensitivity to the Hispanic culture. Topics covered: greetings, likes and dislikes, telling time, describing people and things, talking about routines, the weather, food, ordering in a restaurant, talking on the phone, extending and accepting invitations, commenting on clothing, talking about future and past events and expressing feelings. *Prerequisites: Spanish 1.*

Spanish 3 [MH02218] - Semester Daily

1 Credit. This advanced course provides students with additional opportunity to expand their listening, speaking, reading and writing proficiencies to access short literary texts, authentic materials and media on generally familiar topics. Students also continue to develop in-depth cultural awareness and sensitivity to the Hispanic culture. Topics covered: making suggestions, asking for and offering help, asking for or giving advice, an opinion, directions, describing your city or town, a past event, making comparisons, staying fit, giving explanations, reporting what someone said, relating a series of events, ordering in a restaurant, talking about what you used to do, talking about the latest news, describing a problem, expressing agreement and disagreement, talking about obligations and solutions. *Prerequisites: Spanish 2 and teacher recommendation.*

Spanish 4 [MH02220] - Semester Daily

1 Credit. This advanced course is conducted in Spanish and provides students with an opportunity to use the Spanish language within and beyond the school setting. It promotes the use of Spanish for personal enjoyment and enrichment. Emphasis is on conversation, correct pronunciation, correct writing, extensive vocabulary development, comprehension and self expression. Selected readings from Spanish and Spanish-American authors will be introduced. Topics covered: setting the scene for a story, continuing and ending a story, talking about the latest news, reacting to news, describing a problem, talking about consequences, talking about obligations and solutions, talking about where you went and what you did, saying how you feel about people, talking about what has happened, about future events, responsibilities, unintentional events and requesting favors. *Prerequisites: Spanish 3 and teacher recommendation.*

PHYSICAL EDUCATION & HEALTH

The goal of the physical education/health department is that each student will have a sound body, mind and spirit. Education of the body involves the development of skills and lifestyle patterns that will support health and fitness. Education of the mind involves understanding the principles of good nutrition and their relationships to physical health. Physical education/health courses emphasize character development in the context of creating healthy relationships and making decisions related to smoking, use of alcohol and other drugs.

Physical Education 9 [MH06245] - Semester A/B

0.5 Credits. Students learn personal and lifelong activity concepts through skill based activities and classroom instruction. Topics include: components of fitness, goal setting, guidelines for exercise, principles of training, flexibility, cardiovascular fitness, muscular fitness, nutrition, body composition and weight control and designing your own personal program. Required purchase: regulation PE uniforms, available at the high school office. *Required for all freshmen.*

Physical Education 10 [MH06246] - Semester A/B

0.5 Credits. Students continue to learn personal and lifelong activity concepts through skill based activities and classroom instruction. Topics include: components of fitness, goal setting, guidelines for exercise, principles of training, flexibility, cardiovascular fitness, muscular fitness, nutrition, body composition and weight control and designing your own personal program. Required purchase: regulation PE uniforms, available at the high school office. *Required for all sophomores.*

Personal Health [MH06251] - Semester A/B

0.5 Credits. This course assists each student to learn and practice health concepts and skills necessary to be health literate. These important concepts will be developed through lectures, use of audio-visuals, role-playing, small group work, discussion, presentations by community resource people as well as supplementary handouts and worksheets. *Required for all sophomores.*

Personal Training [MH06249] - Semester A/B

0.5 Credits. This course introduced students to an array of strength and conditioning training techniques. Units include: jump rope training, strength ball training (Swiss ball and medicine ball), plyometrics, weight training, and aerobic training. Basic musculoskeletal anatomy will be introduced. Issues of steroid use, supplements, and diet will be discussed. Required purchase: regulation PE uniforms, available at the high school office. *Prerequisite: Junior or senior standing.*

FINE ARTS

Students will explore a range of creative expression through the student and appreciation of music, visual arts, performing arts and cultural traditions. These courses contribute to the well-being of our students through the practice of informed reflection upon the ethics and values that shape our society. Courses listed satisfy the fine arts graduation requirement.

Art History & Criticism [MH04153] - Year A/B

1 Credit. A historical survey of the visual arts through examination of art movements from ancient to contemporary times. Selected works of painting, sculpture, architecture, and other various art forms will be explored in relation to the cultures that create them. Discipline based art emphasis. Projects will be derived primarily from the disciplines of aesthetics, art criticism, art history and art production. *Prerequisite: Junior or senior standing. Required for Visual Arts endorsement.*

Art Studio: Elements & Principles of Art [MH04179] - Semester Daily

1 Credit. This course introduces foundational art concepts and skills using the elements and principles of art. Some concepts to be explored are: basic drawing and painting techniques, color theory and introduction to conceptual art. Additional topics to be covered are: contour line drawing, tonal values, color mixing, symbols in art and 2D to 3D transformation. Art appreciation, history and theory will be woven into art projects that are integrative, inspires creativity and develops problem solving skills.

Concert Band [MH04209] - Year A/B

1 Credit. This intermediate course is for students with at least 2 years of experience to continue development of playing techniques and listening skills; intermediate to advanced rhythmic patterns; music theory and history; major, minor and chromatic scales; explore the variety of standard band literature and musical styles through performances, performance participation at band festivals, football games, parades and other public concerts. **School owned instruments are made available to students.**

Chorus I [MH04201] - Year A/B

1 Credit. This introductory course develops fundamental vocal skills and techniques necessary to perform in a choir. Basic music theory and performance techniques are covered, as well as a wide range of musical styles and repertoire. Students will have opportunity to perform before others.

Chorus II [MH04230] - Year A/B

1 Credit. This intermediate course further develops fundamental vocal skills and techniques to perform in a choir. Topics covered are a continuation of basic music theory and performance techniques, as well as a wide range of musical styles and repertoire. Students will have opportunity to perform before others. *Prerequisite: Chorus I.*

Select Chorus [MH04204] - Year A/B

1 Credit. This advanced course is designed to produce a performing ensemble of high quality that can represent Kamehameha Schools Maui on special occasions. Throughout the term we will cover a wide range of musical styles. Hawaiian music and language will be an important focus. This class requires all students to memorize an extensive repertoire and to participate in performances, activities and special occasions after school. It also requires all students to exhibit excellence in behavior on and off campus. *Prerequisite: Teacher recommendation.*

Digital Photography I [MH04178] - Semester Daily

1 Credit. This course familiarizes students with the basic skills needed to take digital images and enhance the images using Adobe Photoshop CS3. Among major concepts to be explored are the Art Elements & Principles of Design, compositional techniques, and lighting. Topics covered are Macro Photography, Lighting For Mood, Abstract Photography, Point-of-View, and Portraiture. Art appreciation and theory will be interwoven in order to develop photographs that represent the fine arts as well as commercial applications. *Open to grades 9-12. Preference will be given to Visual Arts endorsement students.*

Guitar I [MH04221] - Semester Daily

1 Credit. This course introduces basic guitar skills, including strumming patterns, picking techniques, scales, reading chord charts, music notation and tablature. We will play a variety of music styles including Hawaiian, contemporary and jazz. *Open to grades 9-12. Limited to ten (10) students.*

Hana No'eau I [MH09637] - Semester A/B

0.5 Credits. This course surveys traditional visual art forms and their place in Hawaiian society. Students will be introduced to fundamental concepts, cultural content and creative skills concerning Hawaiian material culture, including: protocol, traditional practices, vocabulary/terms, techniques, and philosophies. This knowledge encourages creative expression in traditional media. KS Hawaiian Language and Culture Competencies of the "Developing" and "Advanced" Levels are addressed. *Prerequisites: Hawaiian Culture and Hawaiian I.*

Hana No'eau II [MH09670] - Semester A/B

0.5 Credits. This course is a continued survey of traditional visual art & art appreciation and their place in Hawaiian society. Students will further explore fundamental concepts, cultural content and creative skills concerning Hawaiian material culture, including: protocol, traditional practices, vocabulary/terms, techniques, and philosophies. This knowledge further develops student creative expression in traditional media. Papa Hana No'eau II evolves into an art appreciation class where students will learn to make aesthetic judgments about traditional art works and to use these types of judgments in their own creative expressions. This class is taught primarily in the Hawaiian Language. KS Hawaiian Language and Culture Competencies of the "Developing" and "Advanced" Levels are addressed. *Prerequisites: Hana No'eau I and completion of Hawaiian 2.*

Hula I [MH04285] - Semester A/B

0.5 Credits. This is an introduction to Hawaiian chant and dance: basic dance skills, history and a repertoire of chants and dances, aspects of Hawaiian language, poetry, culture and traditional stories. Proper protocol for hula performance will be discussed. Students may be expected to perform in a concert situation at the end of the semester.

Hula II [MH04286] - Semester A/B

0.5 Credits. This is an intermediate course and a continuation of Hula I that increases a students' repertoire of chants and dances. Students may be expected to perform in a concert situation during the course of the semester. Topics covered expand on concepts covered in Hula I. *Prerequisites: Hula I or teacher consent.*

Advanced Hula [MH04287] - Semester A/B

0.5 Credits. This advanced course is a continuation of Hula II, designed to teach students an extensive repertoire of Hawaiian chants, songs, and dances. Students continue to research the history and meaning of each chant/dance, reinforcing their artistic expression. Students are expected to display a high level of excellence in performance and behavior at all times. Required performances at various Kamehameha and community functions (i.e., ceremonies, blessings, dedications, etc.). After school rehearsals may be required to prepare for special events. A greater emphasis will be placed on the performance aspect of Hula where students are expected to practice proper protocol. *Prerequisites: Hula II, or teacher consent.*

Piano I [MH04259] - Semester Daily

1 Credit Introduction to beginning piano keyboard skills. Topics covered include music theory, music terminology and music reading. We will learn to play in a variety of styles and learn music from different periods.

Piano II [MH04260] - Semester Daily

1 Credit. This intermediate course helps students to continue to learn piano techniques, music theory, music terminology and music reading. We will learn to play in a variety of styles and learn music from different periods. Students may have opportunities to perform for others. *Prerequisites: Piano I or teacher recommendation.*

Piano III [MH04261] - Semester Daily

1 Credit. This intermediate level course helps students to continue to learn piano techniques, music theory, music terminology and music reading. We will learn to play in a variety of styles and learn music from different periods. Students will have opportunities to perform for others. *Prerequisites: Piano II or teacher recommendation.*

Advanced Piano [MH04262] - Semester Daily

1 Credit. This course helps students to continue to learn piano techniques, music theory, music terminology and music reading. Students will work independently on individualized repertoire. Students will learn to play in a variety of styles and learn music from different periods. Students will have opportunities to perform for others. *Prerequisites: Piano III or teacher recommendation.*

Introduction to Theatre [MH04319] - Semester A/B

0.5 Credits. No previous experience is necessary. The main goal of this course is to introduce the young person to the world of theatre and its elements. Acting fundamentals, technical theatre, realistic theatre, children's theatre, Greek theatre, and Shakespeare are but a few of the topics covered in this course. Activities include theatre games, improvisation, acting and scene work. This course is not repeatable.

Theatre Performance [MH04342] - Semester A/B

0.5 Credits. This is an advanced course for serious students of Acting, as the focus of this course is play production and performance. In addition, various playwrights, directing, acting styles and playwriting will be studied. This course may be repeated. *Prerequisite: Introduction to Theatre.*

‘Ukulele I [MH04203] - Semester Daily

1 Credit. This course introduces basic ‘ukulele skills, including strumming patterns, picking techniques, reading chord charts, music notation and some tablature. We will play a variety of music styles including Hawaiian, contemporary and jazz.

‘Ukulele II [MH04205] - Semester Daily

1 Credit. This intermediate course further develops ‘ukulele skills. Topics covered are complex chords, strumming and picking techniques, reading chord charts, music notation and tablature. Throughout the term we will learn to play a variety of musical styles including Hawaiian, contemporary and jazz. *Prerequisites: Teacher recommendation*

ELECTIVES

Mixed-Media Art & Design [MH04177] - Semester Daily

Creative and Innovative Design Skills through Art

1 Credit. This course is for students to explore techniques in both two-dimensional and three-dimensional design. Design skills include effective communication, objectivity, critical thinking, global and contextual awareness, and creative imagination. This design class will introduce the Elements and Principles of Design preparing students in any industry to be creative and innovative.

Yearbook I [MH08220] - Year (offered after school - meeting days to be determined)

1 Credit. This course helps students develop basic journalistic skills needed to create the school’s yearbook. Throughout the year students learn brainstorming and content development skills to cover activities and events appropriately for our school; develop their writing skills to effectively tell the story of the school year; learn and practice concepts of basic layout design and the basics of digital photography. Students are responsible for applying all skills to produce the school’s yearbook using a web-based desktop publishing program. This course requires students to obtain material for production. Attendance at student activities and sporting events off-campus and during non-school hours is required for coverage, failure to attend will affect student grade. Students are responsible for arranging transportation to and from these events. *Prerequisite: Sophomore, junior or senior standing. Students interested in joining the Yearbook staff should contact Mrs. Ashman, naashman@ksbe.edu.*

Yearbook II [MH08230] - Year (offered after school - meeting days to be determined)

1 Credit. This course is designed to offer students an opportunity to build on the basic skills of content development, feature writing, layout design, and photography learned in Yearbook I. In addition, Yearbook II will assume leadership positions on the staff by becoming section editors responsible for guiding Yearbook I staff members in all aspects of yearbook creation. This course requires students to obtain material for production. Attendance at student activities and sporting events off-campus and during non-school hours is required for coverage, failure to attend will affect student grade. Students are responsible for arranging transportation to and from these events. *Prerequisite: Yearbook I and teacher consent. Students interested in joining the Yearbook staff should contact Mrs. Ashman, naashman@ksbe.edu.*

Papa Kāko‘o - SEMINAR

As students transition into, through, and out of high school it is important for them to be prepared to make these transitions as smoothly and successfully as possible. Therefore, a program of seminars was established to support students and provide them with knowledge, skills, and practice to best accommodate their needs related to these transitions and to prepare them to make better informed decisions about their future.

Within the seminar learning environment students experience components that include academic practice and support, Papa Kalikiano (Christian education), Kūlia I Ka Nu‘u (Hawaiian language and culture), character education, organization and time management, research, and guidance activities to inform decision-making with regard to careers and post-secondary education.

Students must register for Papa Kāko‘o in the fall and spring semester for a total of 1.0 credit each year.

Freshmen Papa Kāko‘o [MH08791 - Fall] [MH08795 - Spring] - Semester A/B

0.5 Credits. Transition to High School The high school setting provides a new set of challenges for many middle school students. Freshmen Papa Kāko‘o is a course designed to help in-coming high school students manage this transition successfully. This course focuses on providing support for students’ core academic coursework, developing students’ study skills, as well as practicing time management and organizational skills and note-taking and test-taking strategies. Guidance counselors address bullying behaviors and positive relationships in addition to decision-making skills, PSAT prep, and college and career exploration. The Papa Kalikiano component focuses on developing a Christian education framework with students. *Required for all freshmen.*

Sophomore Papa Kāko‘o [MH08792 - Fall] [MH08796 - Spring] - Semester A/B

0.5 Credits. Transition to Academics Sophomore Papa Kāko‘o builds skills students need to be successful in both school and the work environment. Students review critical study skills, undertake career planning in an academy setting, create resumes, and begin to build portfolios. Students research college and university admission requirements. Guidance counselors offer PSAT prep and PSAT test result analysis, career academy advising, and lead discussions of ethical and respectful behavior. Papa Kalikiano focuses on personal faith discipline, and the Kūlia I Ka Nu‘u kumu provides language and culture instruction. *Required for all sophomores.*

Junior Papa Kāko‘o [MH08793 - Fall] [MH08797 - Spring] - Semester A/B

0.5 Credits. Charting Career Paths Having enrolled in their chosen academies, Papa Kāko‘o students continue college prep, working with guidance counselors to identify college options based on needs and interests while preparing for the SAT, exploring career options, and beginning the college application process. The required Hō‘ike Nui project includes an internship in the community as well as the completion of a formal research paper, supervised by the seminar instructor and the student’s advisor. Papa Kalikiano focuses on understanding world religions (which aligns with World History in Grade 11). *Required for all juniors.*

Senior Papa Kāko‘o [MH08794 - Fall] [MH08798 - Spring] - Semester A/B

0.5 Credits. Developing a Post-Secondary Plan Senior Papa Kāko‘o helps students build a bridge between high school and their future. Seminar teachers and guidance counselors prep students for the SAT and/or other college entrance exams, assist with college admissions and financial aid applications, and focus students on important life skills and knowledge such as money management, rental agreements, and taxes. Students complete their Hō‘ike Nui requirement with their senior presentation. Papa Kalikiano has students explore personal theology, and Kūlia I Ka Nu‘u provides a capstone language and culture component to complete their Kamehameha Schools experience. *Required for all seniors.*

Dual Enrollment Program

The Dual Enrollment Program offers a curriculum of intensive study for strongly motivated and academically qualified juniors and seniors during the fall and spring semesters. This unique partnership between Kamehameha Schools Maui and the University of Hawaii – Maui College allows high school juniors and seniors to attend college classes on the Kamehameha Schools Maui campus earning both high school and college credits.

To qualify for this unique program, students must meet stringent application deadlines for taking the UH Maui Compass test which determines eligibility to take these courses. Scores for the UH Maui Compass test are valid for one year from when the test is completed. Students should contact UH Maui directly to make arrangements to take the Compass test. There is a fee to take this test, but the first is at no charge. Kamehameha Schools Maui does not cover the cost of the test.

These courses are rigorous and expectations for students are high. Students are also subject to all college expectations and requirements as all courses are taught by UH Maui College professors. The added benefit of this program is that the college tuition for dual credit courses is paid for by Kamehameha Schools Maui. It is important to note that once enrolled in a course, a student may not withdraw or drop a dual credit course. Students will be financially responsible if they fail to complete the course within the semester or if they receive a non-passing grade.

Upon graduation, many of our students are able to transfer the credits earned to the college or university they enroll in. Some are even able to count these courses toward their college graduation requirements, potentially shortening the length of their undergraduate college career. For more information, questions and inquiries should be directed to Mrs. Moala, kamatael@ksbe.edu.

Expository Writing - ENG 100 [MH02106] - Semester Daily

1 Credit. Expository Writing (ENG 100) discovers and applies the concepts of purpose, audience, and tone in writing. It emphasizes evaluating written texts and writing various types of essays, including writing from sources. The course focuses on developing critical thinking skills. This course is offered through UH Maui College. Upon successful completion, students earn three (3) college credits. *Prerequisites: C grade or better in English 11, cumulative GPA of 2.0 or higher and successful completion of UH Maui Compass test.*

Survey of General Sociology - SOC 100 [MH03154] - Semester Daily

1 Credit. This course introduces the study of basic social relationships. It teaches socialization, concept of culture, social stratification, prejudice, cultural change, and trends in modern society. Course is offered through UH Maui College. Upon successful completion of the course, students earn 3 college credits. *Prerequisites: C grade or better in English 11, cumulative GPA of 2.0 or higher and UH Maui Compass test placement at ENG 100.*

Survey of General Psychology - PSY 100 [MH03152] - Semester Daily

1 Credit. This advanced course surveys the major areas in the field of psychology. Analyzes the five major perspectives in the field and how these perspectives apply to human behavior: memory, learning, personality, therapy and abnormal behavior. Course is offered through UH Maui College. Upon successful completion of the course, students earn 3 college credits. *Prerequisites: C grade or better in English 11, cumulative GPA of 2.0 or higher and UH Maui Compass test placement at ENG 100.*

Calculus I - MATH 205 [MH01240] - Semester Daily

1 Credit. This advanced course explores the basic concepts of differential and integral calculus, with emphasis on differentiation. The various functions are revisited, focusing on differentiation and its applications. It is highly recommended if pursuing a field in business or science. Course is offered through UH Maui College. Upon successful completion, students earn 4 college credits. *Prerequisites: (KS) C grade or better in Pre-calculus with Trigonometry, UH Maui Compass test placement at MATH 205 and ENG 100.*

Calculus II - MATH 206 [MH01273] - Semester Daily

1 Credit. This advanced course extends and completes the calculus on a single real variable. It includes topics such as differentiation and integration of the transcendental functions, techniques of integration, applications and infinite series. It is highly recommended if pursuing a field in science. Course is offered through UH Maui College. Students also earn 4 college credit hours upon successful completion. *Prerequisites:* UH Maui Compass test placement at MATH 205 and ENG 100.

Statistics - MATH 115 [MH01272] - Semester Daily

1 Credit. This intermediate course is designed to present basic statistical topics including measures of central tendency and dispersion, classification of variables, sampling techniques, elementary probability, normal and binomial probability distributions, tests of hypothesis, and linear regression and correlation. Course is offered through UH Maui College. Students earn 3 college credit hours upon successful completion. *Prerequisites:* (KS) C grade or better in Algebra II, UH Maui Compass test placement at MATH 27 or MATH 100 and ENG 100.

Career Academy Requirements & Course Descriptions

ACADEMY ENDORSEMENT REQUIREMENTS—3 Credits Required

Arts & Communication, 3 credits

Hawaiian Studies Endorsement

- Hawaiian 4
- Hula
- Hana No‘eau
- Papa Mele

Literary Arts Endorsement

- Journalism 1
- Journalism 2
- Creative Writing
- Literary Survey

Media Arts Endorsement

- Intro to Digital Arts & Design
- Digital Video Production 1
- Digital Video Production 2

Performing Arts – Music Endorsement

- Concert Band, Chorus, Jazz Rock or Music Tech
- Music History & Theory
- Piano

Visual Arts Endorsement—*Ceramics emphasis*

- Ceramics & Sculpture I
- Ceramics & Sculpture II
- Art History

Visual Arts Endorsement—*Digital Photo emphasis*

- Digital Photo I
- Digital Photo II
- Art History

Visual Arts Endorsement—*Drawing & Painting emphasis*

- Drawing & Painting I
- Drawing & Painting II
- Art History

Business, 3 credits

Business Endorsement

- Accounting
- Business Law
- Entrepreneurship
- Global Studies

Information Technology, 3 credits

IT Endorsement

- Information Technology Foundations
- Computer Programming & Game Design
- Robotics & Engineering

Science & Natural Resources, 3 credits

Health Services Endorsement

- Human Anatomy & Physiology
- Issues in Medicine
- Intro to Biotechnology or AP Biology

Natural Resources Endorsement

- Agriscience and Aquascience
- Environmental Science
- Marine Biology

ACADEMY ENHANCEMENT ELECTIVES—2 Credits Required

This requirement may be satisfied by completing 2 credits from:

- Any course listed above from a different endorsement.
- 4th year course taken in a world language, math, science or selected UH Maui dual credit course.

MATH 115—Statistics

MATH 205—Calculus I

MATH 206—Calculus II

PSY 100—Survey of General Psychology

SOC 100—Survey of General Sociology

ENG 100—Expository Writing (*must complete English 12 to have this count as enhancement elective.*)

ACADEMY OF ARTS & COMMUNICATION

Designed for students with career interests in performing, visual, literary or media arts.

HAWAIIAN STUDIES ENDORSEMENT

Hana No‘eau [MH09637] - Semester A/B

0.5 Credits. This course surveys traditional visual art forms and their place in Hawaiian society. Students will be introduced to fundamental concepts, cultural content and creative skills concerning Hawaiian material culture, including: protocol, traditional practices, vocabulary/terms, techniques, and philosophies. This knowledge encourages creative expression in traditional media. KS Hawaiian Language and Culture Competencies of the “Developing” and “Advanced” Levels are addressed. Required for Hawaiian Studies endorsement. *Prerequisites: Hawaiian Culture and Hawaiian 1.*

Hawaiian 4 [MH02238] - Semester Daily

1 Credit. This advanced course provides opportunities for students to apply their language skills and fluency and to learn advanced forms of grammar. The majority of class will be conducted in Hawaiian. Emphasis is placed on original sources, such as literature, poetry, music, audio/video recordings, and the Hawaiian language newspaper collection. Counts towards Arts & Communication—Hawaiian Studies endorsement requirement. *Prerequisites: Hawaiian 3 or teacher recommendation.*

Hula I [MH04285] - Semester A/B

0.5 Credits. This is an introduction to Hawaiian chant and dance: basic dance skills, history and a repertoire of chants and dances, aspects of Hawaiian language, poetry, culture and traditional stories. Proper protocol for hula performance will be discussed. Students may be expected to perform in a concert situation at the end of the semester. Required for Hawaiian Studies endorsement.

Papa Mele - Hawaiian Music [MH09675] - Semester Daily

1 Credit. Hawaiian music continues to be a means by which Hawaiian culture, language, and values are perpetuated. This course develops an appreciation for traditional and contemporary Hawaiian music. Genres to be discussed include chant, *hīmeni*, falsetto, chalangalang, hapa haole, and contemporary Hawaiian music. Instrumental styles include traditional implements, *ūkulele*, slack key and steel guitar. Students will study, analyze, discuss, and perform an array of Hawaiian songs – their meanings, significance, history, *kaona*, and forms. Emphasis is placed on performance. Required for Hawaiian Studies endorsement. *Prerequisite: Hawaiian I.*

LITERARY ARTS ENDORSEMENT

Journalism I [MH02162] - Year A/B

1 Credit. This year-long beginning course teaches the fundamentals of writing, research, and journalism. Throughout the year, students will produce the school’s newspaper, *Ka Leo O Nā Koa*, and the student news Web site. Students learn interview and research skills, write in various journalistic styles, and use basic digital photography. This course offers basic training in layout, design, editing, headline and caption writing, online journalism, and desktop publishing. Students will study journalism issues such as libel, right to privacy, and ethics. In addition to class time spent working on stories, assignments will also be given that involve coverage outside of class/school hours and/or coverage at off-campus locations. Students are expected to provide their own transportation to and from these events. Meeting deadlines is an essential component. A strong foundation in writing and consistent attendance is desired. Required for a Literary Arts Endorsement. *Prerequisite: Sophomore, junior, or senior standing.*

Journalism II [MH02161] - Year A/B

1 Credit. In this follow-up course to Journalism I, students build on skills developed in Journalism I and assume leadership roles as section editors. Section editors are responsible for organizing and overseeing each newspaper issue, editing and laying out pages, and supervising their staffs. Students will study newspaper design, research current issues, investigate journalism careers, and manage and contribute to the student news Web site. Students

are expected to take on more assignments than Journalism I students and are ultimately responsible for the Web site and deadlines of the student-produced school newspaper. This class requires additional lab hours on deadline. Required for a Literary Arts Endorsement. *Prerequisite: Journalism I or Teacher Consent.*

Journalism III [MH09646] - Year A/B

1 Credit. In this follow-up course to Journalism II, students revisit skills developed in Journalism I and II and may assume the leadership role of editor-in-chief. Editors-in-chief are expected to take responsibility for both Journalism I and Journalism II students and are ultimately responsible for the deadlines of the student-produced school newspaper. They will also be responsible for editing pages and Web stories, fact checking, and managing the online newspaper. Students will be challenged to produce an investigative package for either the print or online edition of the paper. Journalism III students are expected to model exemplary staff behaviors and work ethic. This class requires additional lab hours on deadline. *Prerequisite: Journalism II and Teacher Consent.*

Creative Writing [MH02129] - Semester A/B

0.5 Credit. This semester course offers practice in several forms of writing (fiction, poetry, first person narrative, drama) enabling students to discover their own voice and write their own material while developing the skills and techniques that will allow their work to engage a reader. Students will read representative literature from each genre as preparation for their own exploration. Students are expected to participate in an end-of-course reading and may contribute original works to a class magazine. They will be encouraged to submit works for real-world publication. Required for a Literary Arts Endorsement.

Creative Writing II [MH02148] – Semester A/B

0.5 Credit. This semester course offers practice in writing skills and structures for the student interested in a general knowledge of creative writing, and helps to prepare the committed student writer for further study in the field. The goal of Creative Writing 2 is to improve students' writing skills and techniques in regard to fiction, poetry, playwriting, and creative non-fiction. This course is conducted using a distance learning approach. Level 2 students will work independently to complete weekly assignments in reading and writing, unit projects, and a live performance. Feedback from the instructor is given electronically, and assignments are submitted electronically. Enrollees should be self-motivated and independent. Students may contribute original works to a class magazine. *Prerequisite: Creative Writing I or teacher recommendation*

Literary Survey [MH08226] – Semester A/B, repeatable

0.5 Credit. Using selections from prose fiction, drama and poetry, this course will provide students with useful reading strategies for increasing understanding and appreciation of these literary forms. Reading selections will survey British and American literature. The course will provide insight into the uses of language as an artistic form and into the value of literature. This course is reading-intensive. It is recommended for the college-bound student. This course is repeatable once (the emphasis is on British works in one year and American works in the next year on an alternating basis). Required for a Literary Arts Endorsement. *Prerequisite: junior or senior standing. Course may be repeated.*

MEDIA ARTS ENDORSEMENT

Introduction to Digital Arts & Design [MH04151] - Semester Daily

1.0 Credits. This introductory course is designed to provide students the opportunity to learn about and use industry standard design hardware and software. The course teaches students how to communicate ideas and stories through different media, including print, video, motion graphics and the web. Students will learn techniques and basic concepts of digital technology to create still and animated two-dimensional digital images using industry standard graphic, animation and audio software programs such as Photoshop, Illustrator, Flash and Soundtrack Pro. Students will also learn how to produce film and broadcast quality graphics and special effects using a variety of industry standard digital software tools, video editing and motion graphics software such as Final Cut Pro, After Effects, Livetype, Soundtrack Pro and Photoshop. Students will compile all of their digital art and design work into a comprehensive physical and web-based portfolio that best highlights their technical and creative abilities as a digital artist. Required for a Media Arts Endorsement. *Prerequisite: Sophomore, junior or senior standing. Preference will be given to Media Arts endorsement students.*

Digital Video Production I [MH08202] - Full Year A/B

I Credit. This intermediate level course instructs students in the proper use of camcorders, microphones, digital editing, lighting and studio equipment. Students learn the basics of broadcast journalism and digital storytelling. Students work cooperatively in teams both on location and in the TV studio to produce storyboards and scripts for short projects such as news stories, public service announcements, comedy sketches, trailers, commercials, and music videos utilizing the most current non linear editing, graphic, and animation programs. Students will attain basic skills in the use of such programs as Final Cut Pro, After Effects, Livetype, Soundtrack and Photoshop. Required for a Media Arts Endorsement. *Prerequisite: Junior or senior standing.*

Digital Video Production II [MH08222] - Full Year A/B

I Credit. This advanced course instructs students in the proper techniques of television broadcasting and event videography. Students will learn to effectively use production equipment such as teleprompters, video and audio mixers, lighting and sound equipment. Students will work cooperatively in teams both on location and in the TV studio to produce a campus wide news magazine style broadcast called “What’s Up Warriors.” This in-school television broadcast will be comprised of segments that cover various topics such as academics, athletics, entertainment, and current events. There will be three planned broadcasts per semester pending administrative approval. Students will also plan, develop and produce the video taping, editing and packaging of school, sports, and special events DVD’s. Other skills learned will be advanced use of graphic and animation programs such as Final Cut Pro, After Effects, Maya, Livetype, Soundtrack Pro, Photoshop and DVD Studio Pro. Required for a Media Arts Endorsement. *Prerequisite: Digital Video Production I.*

PERFORMING ARTS—MUSIC ENDORSEMENT

Music History & Theory [MH04278] - Year A/B

I Credit. This course introduces the History of music in the Western civilization in the first semester and Music Theory in the second semester. Music History covers the different style periods including the medieval, renaissance, baroque, classical and modern era. Students are expected to listen to and identify the music of great composers such as Bach, Beethoven and Mozart. Music Theory will include music terminology, developing notational skills, basic composition skills, score analysis and aural skills. Required for a Performing Arts—Music endorsement. *Prerequisite: Piano I, junior or senior standing.*

Concert Band [MH04209] - Year A/B

I Credit. This intermediate course is for students with at least 2 years of experience to continue development of playing techniques and listening skills; intermediate to advanced rhythmic patterns; music theory and history; major, minor and chromatic scales; explore the variety of standard band literature and musical styles through performances, performance participation at band festivals, football games, parades and other public concerts. School owned instruments are made available to students. Concert Band, Chorus, Jazz Rock Ensemble, or Music Tech is required for a Performing Arts—Music endorsement.

Chorus I [MH04201] - Year A/B

I Credit. This introductory course develops fundamental vocal skills and techniques necessary to perform in a choir. Basic music theory and performance techniques are covered, as well as a wide range of musical styles and repertoire. Students will have opportunity to perform before others. Concert Band, Chorus, Jazz Rock Ensemble, or Music Tech is required for a Performing Arts—Music endorsement.

Chorus II [MH04230] - Year A/B

I Credit. This intermediate course further develops fundamental vocal skills and techniques to perform in a choir. Topics covered are a continuation of basic music theory and performance techniques, as well as a wide range of musical styles and repertoire. Students will have opportunity to perform before others. *Prerequisite: Chorus I.*

Select Chorus [MH04204] - Year A/B

1 Credit. This advanced course is designed to produce a performing ensemble of high quality that can represent Kamehameha Schools Maui on special occasions. Throughout the term we will cover a wide range of musical styles. Hawaiian music and language will be an important focus. This class requires all students to memorize an extensive repertoire and to participate in performances, activities and special occasions after school. It also requires all students to exhibit excellence in behavior on and off campus. *Prerequisite: Teacher consent.*

Jazz Rock Ensemble [MH04269] - Year A/B

1 Credit. This advanced course encourages players of popular music to develop their skills, abilities, and potential through collaboration with other musicians and live concert performances. Students will be introduced to a variety of musical styles, such as: pop, rock, reggae, jazz, blues, island grooves, etc. **School owned instruments are made available to students.** *Prerequisites: Must be able to play one of the following instruments: vocals, drum set, guitar, bass, piano, ukulele, trumpet, trombone or saxophone.* Concert Band, Chorus, Jazz Rock Ensemble, or Music Tech is required for a Performing Arts—Music endorsement.

Music Technology I [MH04279] - Semester Daily

1 Credit. This course introduces students to a variety of software, hardware and system set-up procedures. We will cover the use of computers, MIDI sequencing, digital recording, live sound and other technologies related to music. This class requires students to produce tangible music products. *Prerequisite: Junior or senior standing.* Concert Band, Chorus, Jazz Rock Ensemble, or Music Tech is required for a Performing Arts—Music endorsement.

Music Technology II [MH04280] - Semester Daily

1 Credit. This intermediate course is designed to help students continue to develop their skills in using a variety of software, hardware and system set-up procedures and produce tangible musical products of greater depth and complexity than Music Technology I. We will cover use of computers, MIDI sequencing, digital recording, live sound and other technologies related to music. This class requires students to produce tangible musical products. *Prerequisite: Music Technology I and junior or senior standing; teacher recommendation.*

Piano I [MH04259] - Semester Daily

1 Credit Introduction to beginning piano keyboard skills. Topics covered include music theory, music terminology and music reading. We will learn to play in a variety of styles and learn music from different periods. Required for a Performing Arts—Music endorsement.

Piano II [MH04260] - Semester Daily

1 Credit. This intermediate course helps students to continue to learn piano techniques, music theory, music terminology and music reading. We will learn to play in a variety of styles and learn music from different periods. Students may have opportunities to perform for others. *Prerequisite: Piano I or teacher recommendation.*

Piano III [MH04261] - Semester Daily

1 Credit. This intermediate level course helps students to continue to learn piano techniques, music theory, music terminology and music reading. We will learn to play in a variety of styles and learn music from different periods. Students will have opportunities to perform for others. *Prerequisites: Piano II or teacher recommendation.*

Advanced Piano [MH04262] - Semester Daily

1 Credit. This course helps students to continue to learn piano techniques, music theory, music terminology and music reading. Students will work independently on individualized repertoire. Students will learn to play in a variety of styles and learn music from different periods. Students will have opportunities to perform for others. *Prerequisites: Piano III or teacher recommendation.*

VISUAL ARTS ENDORSEMENT

Art History & Criticism [MH04153] - Semester Daily

1 Credit. A historical survey of the visual arts through examination of art movements from ancient to contemporary times. Selected works of painting, sculpture, architecture, and other various art forms will be explored in relation to the cultures that create them. Discipline based art emphasis. Projects will be derived primarily from the disciplines of aesthetics, art criticism, art history and art production. *Prerequisite: Junior or senior standing.* May be taken concurrently with Ceramics & Sculpture II, Digital Photography II, or Drawing & Painting II.

Ceramics & Sculpture I [MH04138] - Semester Daily

1 Credit. This course introduces foundational studio skills in designing three-dimensional art works, including ceramics (fired clay). Various three-dimensional media processes will be introduced using art styles that are realistic in representation to interpretive abstractions. Art appreciation, history and theory will be woven into 3D projects that are integrative, inspire creativity, and develop problem solving skills. *May count towards Visual Arts endorsement. Preference will be given to Visual Arts endorsement students.*

Ceramics & Sculpture II [MH04152] - Year A/B

1 Credit. Students in this class will explore ceramics and sculpture in depth, by creating more complex and challenging pieces of work. Students will have the opportunity to visit local art galleries and to meet guest artists to enhance their understanding of current ceramics and sculpture practices and ideas. Students will create a series of projects which will culminate in a portfolio of work at the end of the course. Art appreciation, history and theory is woven into art projects that are integrative, inspire creativity and require problem solving skills. *Prerequisite: Ceramics & Sculpture I; junior or senior standing.* May count towards Visual Arts endorsement.

Digital Photography I [MH04178] - Semester Daily

1 Credit. This course familiarizes students with the basic skills needed to take digital images and enhance the images using Adobe Photoshop CS3. Among major concepts to be explored are the Art Elements & Principles of Design, compositional techniques, and lighting. Topics covered are Macro Photography, Lighting For Mood, Abstract Photography, Point-of-View, and Portraiture. Art appreciation and theory will be interwoven in order to develop photographs that represent the fine arts as well as commercial applications. *Preference will be given to Visual Arts endorsement students.*

Digital Photography II [MH04180] - Year A/B

1 Credit. This course serves to further develop the photographic skills learned in Digital Photography I. Students will learn to develop an individualized artistic style that will culminate in a photographic portfolio focused on college entrance/professional work. Students may be required to attend outside photography workshops and participate in competitions. *Prerequisite: Digital Photography I; junior or senior standing.* May count towards Visual Arts endorsement.

Drawing & Painting I [MH04176] - Semester Daily

1 Credit. This course introduces basic two-dimensional skills in art such as drawing, painting and printmaking. Creating art from observation will be the main focus in preparing students to develop their 2D skill in a variety of art styles. Art appreciation, history and theory will be woven into art projects that are integrative, inspire creativity, and develop problem solving skills. *Preference will be given to Visual Arts endorsement students.*

Drawing & Painting II [MH04171] - Year A/B

1 Credit. This course focuses on the further development of drawing and painting styles. Students will explore established art techniques and will be encouraged to define their own individual artistic style. The course will support the development of an art portfolio which may be used for college or scholarship application. *Prerequisite: Drawing & Painting I; junior or senior standing.* May count towards Visual Arts endorsement.

ACADEMY OF BUSINESS

Designed for students with career interests related to the business environment.

BUSINESS ENDORSEMENT

Accounting [MH05382] - Semester Daily

1 Credit. This beginning business course addresses the financial characteristics of sole proprietorship, partnership and corporation businesses in establishing and maintaining financial records. Students will become skilled at using the basic accounting equation, journalizing and posting transactions, preparing and interpreting an accounting worksheet. The course focuses on events preceding the preparation of an income statement and balance sheet. Automated computer exercise and business accounting simulations are included. Students will be required to work in the school store lab after school. *Prerequisite: Junior or senior standing.*

Business Law [MH03112] - Semester Daily

1 Credit. An introductory legal course examining the sources of law, the structure of the U.S. legal system, criminal, civil and contract law. In addition to basic legal principles, this course also includes a detailed analysis of the legal challenges facing Native Hawaiians. Skills in persuasive writing and speaking will be developed through debates, mock trials and written case analyses. *Prerequisite: Junior or senior standing.*

Entrepreneurship - Ke Kū'ono [MH09645] - Semester Daily

1 Credit. This course emphasizes retail merchandising, promotion and display, accounting, inventory, human relationships and career planning. Students are required to work in the school store lab after school to gain practical experience in retail and merchandising. *Prerequisite: Junior or senior standing; teacher recommendation and prior completion of at least one business academy course.*

Global Studies [MH03160] - Semester Daily

1 Credit. This course engages students in the study of social sciences (including history, economics, geography and political science) as applied to current world topics and events. We will explore the impact of global issues on the individual with a particular emphasis on the issues of terrorism, the place of developing nations, globalization and international trade, comparative political systems, and power. *Prerequisite: Junior or senior standing.*

ACADEMY OF INFORMATION TECHNOLOGY

Designed for students with career interests in information technology and electronics.

INFORMATION TECHNOLOGY ENDORSEMENT

Information Technology Foundations [MH05164] - Semester Daily

1 Credit. This class focuses on key topics such as: Becoming Computer Literate, Understanding Parts of the Computer, Using the Internet, Ethics, Software Application, File Management, Systems Hardware, Networking and Security, and digital communications technology. The course teaches computer fundamentals that range from learning Microsoft Office to setting up home networks. This class is a hybrid online class, with face to face meetings as well as experience in using the Blackboard Classroom Management System. This course is a useful foundation to all students because of its broad and relevant content. *Prerequisite: Junior or senior standing.* Required for an Information Technology endorsement.

Computer Programming & Game Design [MH05159] - Semester Daily

1 Credit. Using storyboarding as a metaphor for computer program and game design, students will use 3D graphics as the authoring medium to build interactive games and movies. Students will use algorithmic thinking and expression, abstraction, appreciation of elegance to communicate complex ideas, solve problems logically and find alternative solutions. Programming environment supports methods, functions, variable, parameters,

recursion, arrays and events in a visual environment and an objects-first or objects-early approach. This course is an innovative approach to teaching computer programming using object oriented programming. *Prerequisite: Junior or senior standing.* Required for an Information Technology endorsement.

Robotics Engineering [MH05160] - Semester Daily

1 Credit. This course uses robotics to integrate math, science and technology concepts in a project based setting. Students will program robots to perform basic behaviors such as motors and rotation, sound, light, touch and ultrasonic sensors and learn the following work related competencies: project and time management, resource allocation, information accessing, systems understanding, team work and problem solving. *Prerequisite: Junior or senior standing.* Required for an Information Technology endorsement.

ACADEMY OF SCIENCE & NATURAL RESOURCES

Designed for students with career interests related to health, environmental or natural resource fields.

HEALTH SERVICES ENDORSEMENT

AP Biology [MH01176] - Year A/B

1 Credit. AP Biology emphasizes the 4 “Big Ideas” within the AP Biology curriculum framework, and the connections, enduring understandings, between them. The course and lab work is equivalent to an introductory-level college course. Students passing the AP Biology exam with a 3 or better have the opportunity to earn college credit for the course, depending on the individual college’s requirements and policies. *Prerequisites: Grade of “B” or higher in both Biology and Chemistry with a 75% or better score on the placement test; teacher recommendation. Recommended prior coursework: Human Anatomy & Physiology and Intro to Biotech. Contact Mrs. Panglao about the placement test: mapangla@ksbe.edu.* May count towards Health Services endorsement.

Human Anatomy and Physiology [MH01145] - Semester Daily

1 Credit. This intermediate course provides students with an understanding of human anatomy and physiology. We will cover each body system at both the gross and microscopic level in order to understand the interrelationship between them. Laboratory exercises will be included. *Prerequisites: Biology and Chemistry.* Required for a Health Services endorsement.

Introduction to Biotechnology [MH01169] - Semester Daily

1 Credit. This intermediate level science course introduces students to the rapidly growing field of biotechnology. The study of cells, DNA, and proteins will be covered in order to understand how these things can be manipulated to create new biotech products within the fields of medicine and agriculture. Basic lab skills, along with advanced techniques such as PCR, bacterial transformation, and gel electrophoresis, will be covered. Ethical implications and social considerations related to this field will also be addressed. *Prerequisites: Biology and Chemistry.* May count towards Health Services endorsement.

Issues in Medicine [MH06260] - Semester Daily

1 Credit. This intermediate course explores the reality of working as a health professional. The course will focus on current issues, ranging from legal and ethical matters to local and global concerns, pertaining to health care, with a strong emphasis on critical thinking and communication skills. A variety of controversial issues, such as abortion, genetic screening, euthanasia, etc., will be covered, along with career explorations and patient simulations. *Prerequisites: Biology and Chemistry.* Required for a Health Services endorsement.

NATURAL RESOURCES ENDORSEMENT

Agriscience and Aquascience [MH09635] - Year A/B

1 Credit. This intermediate course is designed to introduce the skills needed to create agricultural plots and aquatic fish farms. Topics covered in this course are plant biology, biology of fresh water fishes, chemistry of soil and water, fresh water invertebrate biology, microbiology and nitrogen cycle, and farming methods. Classroom study is integrated with realistic production activities by creating agricultural plots and fish ponds with aquaponics. Course is offered every other year. Next offered school year 2016-2017. *Prerequisites: Biology and Chemistry.* Required for a Natural Resources endorsement.

Environmental Science [MH01142] - Year A/B

1 Credit. This course introduces students to environmental issues and problems occurring in our technological society. Topics covered include environmental history, ecological cycles, local and global current events, alternative energy sources, population and community ecology, and sustainability. Emphasis is on the use of group activity and fieldwork to study the Hawaiian environment and includes the design and construction of an on campus project. This course is offered every other year. Offered school year 2015-2016. *Prerequisites: Biology and Chemistry.* Required for a Natural Resources endorsement.

Marine Biology [MH01132] - Year A/B

1 Credit. This intermediate course investigates the physical and chemical aspects of the ocean and introduces ecological principles and human impact on the marine environment. Topics covered in this course include chemical and physical properties of water, coral reef ecology, biology of marine plants and invertebrates, biology of marine fishes, marine mammals and reptiles. This course is highly interactive with many field activities and weekly laboratories that include dissections and the maintenance of marine aquaria. *Prerequisites: Biology and Chemistry.* Required for a Natural Resources endorsement.

Graduation Requirements Checklist

English

- English 9 (1.0)
- English 10 (1.0)
- English 11 (1.0)
- English 12 or Expository Writing—ENG 100 (1.0)

Social Studies

- Hawaiian Culture (1.0)
- U.S. History (1.0)
- World History (1.0)
- Hawaiian History (1.0)

Science

- Biology or Honors Biology (1.0)
- Chemistry or Honors Chemistry (1.0)
- _____ (Science elective 1.0)

Math

- _____(1.0)
- _____(1.0)
- _____(1.0) * Must complete up to Algebra II

World Language

- Hawaiian 1 (1.0)
- _____(1.0)
- _____(1.0) * Must complete up to level 2 of selected world language

Fine Arts

See page 5 for list of classes that satisfy this requirement.

- _____(1.0)

Physical Education/Health

- PE 9 (0.5)
- PE 10 (0.5)
- Personal Health (0.5)

Other Requirements

- Speech Communication (0.5)
- Freshmen Papa Kāko‘o (1.0)
- Sophomore Papa Kāko‘o (1.0)
- Junior Papa Kāko‘o (1.0)
- Senior Papa Kāko‘o (1.0)

Academy

- Complete 3 credits of a selected Academy Endorsement.
- Complete 2 credits of Academy Enhancement Electives.

Registration Information

Following is the registration schedule. Be sure to prepare your course selections ahead of time by reading through the catalog to familiarize yourself with the course offerings, graduation requirements, academy endorsements and enhancement electives. Utilize your resources. Ask questions, discuss your career and educational goals with your parents, teachers or grade level counselor to create a course of study. Keep in mind that some courses have limited spaces. If you select a course that has already been filled, you will have to select a different course. Be sure to select courses that you are willing to take or that satisfy graduation requirements. Most importantly, plan ahead! Students will complete their registration using their KS Connect student account.

Don't forget to:

- **Finalize** your course requests.
- Print your Preliminary Course Request by clicking on **Generate Report**.
- Have a parent/guardian sign your form.
- Return your signed Preliminary Course Request to the appropriate person. See below.

If you are currently in:	Registration opens:	Registration closes:	Return Preliminary Course Request Form to:
11th grade	Tuesday, Feb 10 12:30 PM	Wednesday, Feb 11 3:30 PM	Mr. Akeo, no later than Monday, Feb 17
10th grade	Tuesday, Feb 24 12:30 PM	Wednesday, Feb 25 3:30 PM	Mrs. Moala, no later than Friday, Feb 27
9th grade	Tuesday, Mar 17 1:00 PM	Wednesday, Mar 18 3:30 PM	Ms. Chong, no later than Tuesday, Mar 31
8th grade	Tuesday, Apr 7 12:00 PM	Wednesday, Apr 8 3:30 PM	I Mua teacher, no later than Thursday, Apr 9

AP and Honors Courses

Students interested in taking AP Biology, Honors Chemistry or Honors Biology, should contact the teacher listed below for more information.

<u>Placement Test</u>	<u>Dates</u>	<u>Who to contact about the test?</u>	<u>Open to Grade:</u>
AP Biology	January 13, 2015	Mrs. Panglao, mpangla@ksbe.edu	12
Honors Chemistry	February 19, 2015	Mrs. Forster, loforste@ksbe.edu	10
Honors Biology	March 4, 2015	Ms. Nacua, brnacua@ksbe.edu	9

Schedule Change Requests/Academy Change Requests

We will do our best to accommodate student courses requests. Students will be able to access their class schedule two weeks before the start of the school year in KS Connect after completing annual enrollment obligations. Students wanting to make a schedule change should meet with their grade level counselor by **August 5, 2015**. Schedule changes that have been approved will be completed by August 7. Students wanting to change academy should also meet with their grade level counselor by August 5.

Registration Information: Choosing Your Classes

GRADE 9	You will be enrolled in:	During registration, you will choose 1 credit from:
	<ul style="list-style-type: none"> ◆ English 9 (1.0) ◆ Hawaiian 1 (1.0) ◆ Hawaiian Culture (1.0) ◆ Papa Kāko’o (1.0) ◆ PE 9 (0.5) ◆ Speech (0.5) ◆ Biology or Honors Biology (1.0)* ◆ Algebra I or Geometry (1.0)** <p><i>*Placement test required. See course description.</i> <i>**Determined by teacher recommendation or math placement test.</i></p>	<ul style="list-style-type: none"> ◇ Art Studio (1.0) ◇ Mixed-Media Art & Design (1.0) ◇ Ceramics I (1.0) ◇ Chorus I (1.0) ◇ Concert Band (1.0) ◇ Digital Photography I (1.0) ◇ Drawing & Painting I (1.0) ◇ Guitar (1.0) ◇ Hawaiian 2 (1.0) *** ◇ Japanese 1 (1.0) ◇ Piano I (1.0) ◇ Spanish 1 (1.0) ◇ ‘Ukulele I (1.0) ◇ Hula (0.5) + Intro to Theater I (0.5) <p><i>*** Must complete Hawaiian 1 first.</i></p>
GRADE 10	You will be enrolled in:	During registration, you will choose 2 credits from:
	<ul style="list-style-type: none"> ◆ English 10 (1.0) ◆ US History (1.0) ◆ Papa Kāko’o (1.0) ◆ PE 10 (0.5) ◆ Personal Health (0.5) ◆ Chemistry or Honors Chemistry (1.0) * ◆ Geometry or Algebra 2 (1.0)** <p><i>* Placement test required. See course description.</i> <i>**Determined by math completed in grade 9.</i> <i>Algebra 1 → Geometry → Algebra 2</i></p>	<p>See list above, plus:</p> <ul style="list-style-type: none"> ◇ Chorus II (1.0) ◇ Hana No’eau I (0.5) ◇ Hula II (0.5) ◇ Intro to Digital Arts & Design (1.0) ◇ Jazz Rock Ensemble (1.0) ◇ Japanese 2 (1.0) ◇ Journalism I (1.0) ◇ Piano II (1.0) ◇ Spanish 2 (1.0) ◇ Theater Performance (0.5) ◇ ‘Ukulele II (1.0) <p><i>Sequenced courses must be taken in order.</i></p>

	Semester 1		Semester 2	
	A-DAY	B-DAY	A-DAY	B-DAY
Block 1				
Block 2				
Block 3				
Block 4				

Registration Information: Choosing Your Classes

GRADE 11	You will be enrolled in:	During registration, you will:	
	<ul style="list-style-type: none"> ◆ English 11 (1.0) ◆ World History (1.0) ◆ Papa Kāko’o (1.0) 	Choose a Science:	Choose a Math:
		<ul style="list-style-type: none"> ◇ Physics (1.0) ◇ Agriscience/Aquascience (1.0) ◇ Environmental Science (1.0) ◇ Marine Biology (1.0) ◇ AP Biology (1.0) ◇ Human Anatomy & Physiology (1.0) ◇ Intro to Biotech (1.0) ◇ Issues in Medicine (1.0) 	<ul style="list-style-type: none"> ◇ Algebra 2 (1.0) ◇ Pre-Calculus (1.0) ◇ Statistics (1.0) * <p><i>*Dual enrollment course. See course description.</i></p>
	If you are in one of these academies:	Choose:	
	<ul style="list-style-type: none"> • Arts & Communication • Business • Information Technology 	<ul style="list-style-type: none"> ◇ Two endorsement courses. ◇ One enhancement course. <p><i>See page 23 for list of courses.</i></p>	
	If you are in this academy:	Choose:	
	<ul style="list-style-type: none"> • Science & Natural Resources 	<ul style="list-style-type: none"> ◇ One endorsement course. ◇ Two enhancement course. <p><i>See page 23 for list of courses.</i></p>	
GRADE 12	You will be enrolled in:	During registration, you will:	
	<ul style="list-style-type: none"> ◆ Hawaiian History (1.0) ◆ Papa Kāko’o (1.0) 	Choose an English class:	Choose 3 electives:
		<ul style="list-style-type: none"> ◇ English 12 (1.0) ◇ Expository Writing ENG 100 (1.0) * <p><i>*Dual enrollment course. See course description.</i></p>	<p>Your choice...see below.</p> <ul style="list-style-type: none"> ◇ Dual enrollment courses ◇ World Languages ◇ Academy courses
		If you are in one of these academies:	Choose:
	<ul style="list-style-type: none"> • Arts & Communication • Business • Information Technology 	<ul style="list-style-type: none"> ◇ One endorsement course. ◇ One enhancement course. <p><i>See page 23 for list of courses.</i></p>	
	If you are in this academy:	Choose:	
	<ul style="list-style-type: none"> • Science & Natural Resources 	<ul style="list-style-type: none"> ◇ Two endorsement course. <p><i>See page 23 for list of courses.</i></p>	

	Semester 1		Semester 2	
	A-DAY	B-DAY	A-DAY	B-DAY
Block 1				
Block 2				
Block 3				
Block 4				

Counseling & Career Center Contact Information

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