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KAMEHAMEHA SCHOOLS®
Kapālama High School

Course Catalog

2023-2024

“Ao Ma Ka Mauna” by Zachary Quemado, c/o 2023

KAMEHAMEHA SCHOOLS KAPĀLAMA

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Ka'imi Kaiwi, *English*

B. Pi'ilani Akiona, *Languages*

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KAMEHAMEHA SCHOOLS KAPĀLAMA HIGH SCHOOL



COURSE CATALOG 2023-2024

Accredited by the Western Association of Schools and Colleges (WASC)

Hawai'i Association of Independent Schools (HAIS)

Licensed by the State of Hawai'i (H 79)

Catalog of Courses – 2023-2024 (Completed 12/22)

Founded and Endowed by the Legacy of Ke Ali'i Bernice Pauahi Bishop

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HIGH SCHOOL PROGRAM

PAUahi'S LEGACY

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 well-being. 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.

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.

STRATEGIC VISION 2040

Source: [Kūhanauna: A Generation on the Rise, 2015](#)

Within a generation of twenty-five years, we see a thriving lāhui where our learners achieve postsecondary educational success, enabling good life and career choices. We also envision that our learners will be grounded in Christian and Hawaiian values and will be leaders who contribute to their communities, both locally and globally.

KAPĀLAMA VISION (Kaleilamakū 2025)

Inspiring our haumāna to hō'ola lāhui!

KAPĀLAMA MISSION

Empowering our haumāna in a safe and nurturing environment to be confident 'ōiwi leaders who use their agency to advance their 'ohana, community, ka lāhui, ka pae 'āina o Hawai'i, and ka honua.

In our work to achieve our mission, we are aiming to create the **E Ola! Graduate**. We believe that the E Ola Star and the descriptors of the rays help to provide more insight into the good and industrious haumāna envisioned by our Princess in her will.



E OLA! LEARNER OUTCOMES

Learner Outcomes at Kamehameha

At all campuses, we educate through Hawaiian culture-based education, so our haumāna can succeed in E Ola! Kamehameha Schools is committed to provide a world-class, Hawaiian culture-based education that not only engages students and ‘ohana in a culturally-rich, personalized journey, but also encompasses academic competence, growth mindset, self-efficacy, creativity, inventiveness, good character, Hawaiian identity, Christian values and 21st century skills that will enable learners to thrive and become ‘ōiwi leaders for their local and global communities.

To help explain long-term learner outcomes that are important to KS educators, we use a metaphor of a Hawaiian native forest. In such a forest, our students are like the strong koa trees – diverse individuals with unique talents nurtured by roots that are a student’s foundation, trunks and branches that form a student’s Native Hawaiian identity and leaves that spring from the tree branches that embody a student’s productive courses of action.

KAMEHAMEHA SCHOOLS*

E Ola! Learner Outcomes

Haumāna will become local and global servant leaders who are culturally engaged and play significant roles in creating strong ‘ohana and communities throughout ka pae ‘āina o Hawai‘i and beyond.

The metaphor of a Native Hawaiian forest conveys Kamehameha’s learner outcomes needed to achieve these goals. Students are likened to the array of plants thriving in fertile ‘āina—diverse individuals with unique talents nurtured by common experiences inherent in a Kamehameha Schools education.

Roots provide constant nourishment and are the LEARNERS’ STRONG FOUNDATION.

‘Ike Kūpuna
Ancestral experiences, insights, perspectives, knowledge, and practices

Aloha ‘Āina
Hawaiian patriotism; love for the land and its people

Kūpono
Honorable character founded on Hawaiian and Christian values

The Trunk and Branches draw their substance from the roots and form the LEARNERS’ NATIVE HAWAIIAN IDENTITY.

Mālama and Kuleana
Social agency, community consciousness

Alaka‘i Lawelawe
Servant leadership

Kūlia
Excellence

Leaves spring from the branches and embody the LEARNERS’ PRODUCTIVE COURSES OF ACTION.

Academic Competence

Growth Mindset

Self-efficacy

Problem Solving

Innovation and Creativity

Collaboration

Global Competence

Fruits are not only the result, they are also the seeds that perpetuate the vibrancy of the forest, the LEARNERS’ WELL-BEING and the well-being of the contexts in which they live.

E Ola! (Live on!)
Students cultivate their own well-being—cultural, spiritual, social, economic, physical, emotional, and cognitive—so they can thrive and help to ensure the vibrancy of their ‘ohana, community, ka lāhui Hawai‘i, ka pae ‘āina o Hawai‘i, and ka honua.

[E Ola! Poster](#)

Kamehameha's educational leaders have the freedom to design a student's experience unique to the student and the community they reside in. The unifying expectations from which schools build upon are:

- Our haumāna will achieve **E Ola!**
- Our educators will teach through **E Ola! Educator Expectations**
- Our content will align to **E Ola! Standards**

E Ola! is a set of learner outcomes demonstrating readiness to serve as an 'ōiwi leader, including these foundations: 'Ike Kūpuna, Aloha 'Āina, and Kūpono; these aspects of identity: Mālama and Kuleana, Alaka'i Lawelawe, and Kūlia; and these courses of action: Academic Competence, Growth Mindset, Self-Efficacy, Problem Solving, Innovation and Creativity, Collaboration, and Global Competence.

Hawaiian Culture-Based Education, for KS is defined as:

- Grounded in Hawaiian culture, worldviews, and 'Ōlelo Hawai'i;
- Personalized to the unique context and path of each haumāna and 'ohana;
- Responsive to the needs of our 'āina and lāhui;
- Rigorous and relevant to modern, global environments and technologies.

Through, **E Ola! Educator Expectations**, our educators will ensure that all haumāna achieve E Ola! by:

- Inspiring haumāna by practicing E Ola!
- Teaching haumāna through Hawaiian Culture-Based Education
- Developing their practice through the educator plans of each campus

E Ola! Standards are the transdisciplinary and academic content standards.

INTRODUCTION

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 4,500 students.

Today, at the Kapālama High School, the tradition of excellence continues with a rich, diverse curriculum designed to prepare students for a global society. Our college preparatory program challenges students to think critically and strive for academic success. Students must complete core courses in Mathematics, Science, English, Hawaiian and/or other Languages, Physical Education, Fitness/Health, Speech, Social Studies, Hawaiian Studies, Visual and Performing Arts. Electives as well as extra and co-curricular activities are offered in a variety of areas.

Character and Christian Education is an important aspect of the educational program, and all students are required to participate in 'Ekalesia (Christian education classes) and chapel. Hawaiian and Christian values, heritage and history are studied. These values are also emphasized in traditional annual events and ceremonies such as Founder's Day and Convocation.

Fostering pride in students' Hawaiian identity 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 and character education activities, including coursework, service learning opportunities, and special events such as the annual Song Contest.

Rich in history and tradition, the Kapālama High School program is dynamic and responsive to an ever-changing society. It prepares capable and industrious students to be skilled professionals, technicians and leaders today and into the future.

Kamehameha Schools maintains a policy of offering enrollment/admissions preference to Hawaiian students to the extent permitted by law. The Internal Revenue Service has ruled that this policy is non-discriminatory. Kamehameha Schools is in compliance with the Americans with Disabilities Act.

GRADE 9-12 PROGRAM

PEOPLE WHO CAN HELP YOU PLAN YOUR GRADE 9-12 PROGRAM

Contact Person	For Information About:
Student Success Counselor	<ul style="list-style-type: none"> • Courses to take for college or specialized career areas • Your academic strengths • Ways to plan your four-year program in high school • Registration • General information on colleges, the military, and other careers • Naviance access • Specific information on colleges, the military, and other careers • The application procedures for post-high school financial aid • Specific information on college entrance requirements
Faculty Members	<ul style="list-style-type: none"> • Personal experiences on the kinds of high school courses that helped them; where they went to college, etc.
Post Secondary Program Office	<ul style="list-style-type: none"> • Dual Credit Coursework (dualcredit@ksbe.edu) • HPU Associate Degree (AA) • Internship Possibilities

KHS GRADUATION REQUIREMENTS for 2024 & 2025

Updated 1/20 (Subject to Change)

NĀ PAPA ʻĪKOI (Core)	Credit	Must be Taken in
ENGLISH	4.0	Grades 9-12
SPEECH	1.0	0.5 credit in grade 9 or 10 0.5 credit in grade 11 or 12
MATHEMATICS	3.0	Any 3 years
SCIENCE	3.0	Any 3 years
SOCIAL STUDIES	3.5	
- Hawaiian Culture		0.5 credit in grade 9
- World History		1.0 credit in grade 10
- US History		1.0 credit in grade 11
- Hawaiian History		0.5 credit in grade 11 or 12
- Economics		0.5 credit in grade 11 or 12
LANGUAGES*	2.0	Two (2) consecutive years of the same language and Demonstrate proficiency in Hawaiian 1 and Hawaiian 2
ʻŌLELO HAWAIʻI (Hawaiian Language)		
PERFORMING ARTS	0.5	Any semester
PHYSICAL EDUCATION/ HEALTH	2.0	
- Personal Health		0.5 credit in grade 9 or 10
- PE 1		0.5 credit in grade 9
- PE 2		1.0 credit in grade 10
VISUAL ARTS	0.5	Any semester
NĀ PAPA MAULI (ELECTIVES)	4.5	Grades 9-12
Total Credits Needed for Graduation	24.0	

**Languages credit may be fulfilled with other languages if Hawaiian 2 proficiency is met*

Non-Credit Graduation Requirements

- PE 3/PE 4
Changes to PE 3 & 4 for Class of 2024 & 2025: Juniors and Seniors will be able to waive PE 3 and/or 4 (both non-credit), if they take a PE/Health elective course (for credit) during the same year. For example, a junior can waive PE 3, if they take Chopped or Athletic Training (or any PE/Health elective). As a senior, this same student has the option to take PE 4 or another PE/Health elective course.
- Christian Education
Students from the Classes of 2024, and 2025 will no longer be required to take Ekalesia for the remainder of high school if they have successfully fulfilled their one quarter non-credit graduation requirement during SY 2021-22. Any repeats will be addressed accordingly with Counselors and the Christian Education Department Head.
- Special Events
- E Ola! Lamakū Project

KHS GRADUATION REQUIREMENTS for 2026 & beyond

Updated 12/21 (Subject to Change)

NĀ PAPA ʻĪKOI (Core)	Credit	Must be Taken in
CHRISTIAN EDUCATION	0.5	Any semester
ENGLISH	4.0	Grades 9-12
SPEECH	0.5	Any semester
MATHEMATICS	3.0	Any 3 years
SCIENCE	3.0	Any 3 years
SOCIAL STUDIES - Hawaiian History 1 - World History - US History - Hawaiian History 2	3.0	0.5 credit in grade 9 1.0 credit in grade 10 1.0 credit in grade 11 0.5 credit in grade 11 or 12
LANGUAGES* ʻŌLELO HAWAIʻI (Hawaiian Language)	2.0	Two (2) consecutive years of the same language and Demonstrate proficiency in Hawaiian 1 and Hawaiian 2
PERFORMING ARTS	0.5	Any semester
PHYSICAL EDUCATION & HEALTH	1.0	Foundations of Fitness & Personal Health (Grade 9-10)
VISUAL ARTS	0.5	Any semester
NĀ PAPA MAULI (ELECTIVES)	6.0	Grades 9-12
Total Credits Needed for Graduation	24.0	

**Languages credit may be fulfilled with other languages if Hawaiian 2 proficiency is met*

Non-Credit Graduation Requirements

- Special Events
- E Ola! Lamakū Project

MANDATORY SPECIAL EVENTS

***Attendance at these special events are required.**

FOUNDER'S DAY - Founder's Day is a celebration of Ke Ali'i Pauahi Bishop who was born on December 19. The Kapālama campus will celebrate our founder on December 15. Two interrelated events characterize the Founder's Day observance:

1. An event of celebration honoring the birth of Ke Ali'i Pauahi, takes place on the campus and involves the entire student body.
2. A ceremony of reverence at Mauna 'Ala (Royal Mausoleum) where Ke Ali'i Pauahi was laid to rest (for Seniors only).

SONG CONTEST - Every March, students in grades nine through twelve participate in a class competition known as Song Contest. Each class sings music selected by class song directors. Perpetual trophies are presented to winning classes in five competitions: girls (grades 10-12), boys (grades 10-12), combined class (grades 9-12), outstanding music presentation (grades 9-12) and 'Ōlelo Hawai'i (Hawaiian language) (grades 9-12).

Song Contest is unique – 2024 marks the 104th year of this honored Kamehameha tradition. Miss Laura Brown, Director of Music at Kamehameha from 1926-1947, stated that "the objectives of the song contest are to build up the repertoire of the best in Hawaiian music for the cultural heritage of any student who attends Kamehameha; to develop leadership, cooperation and good class spirit; and to give students the use of their singing voices and to give them pleasure in singing as a means of expression."

BACCALAUREATE - Baccalaureate, a service for graduating seniors, has been a Kamehameha tradition since the first graduating class in 1891. The first service was held on the site of the original campus at Kaiwi'ula, and later at Bishop Memorial church, where Farrington High School is presently located. When the Schools moved to Kapālama, services were held in the Auditorium. As Kamehameha's enrollment expanded, services were moved to historic Kawaiaha'o Church, the oldest Hawaiian church on the island and the spiritual home of our founder, Ke Ali'i Pauahi.

COMMENCEMENT - The final special event for seniors is commencement. Diplomas are awarded to seniors who have completed all Kamehameha's graduation requirements.

PROGRAM MODEL

Kapālama High School students take three credits each semester for a total of six credits during the year. Of these six credits, three must be in core content areas at grades 9-10; three and a half must be in core content areas at grades 11-12. Core content areas are English, Speech, Math, Science, Social Studies, and Languages. In addition, students may take courses during the summer to supplement their regular year schedule.

Important Note: All students are limited to earning no more than 1.0 social studies graduation requirement credit during the course of three summers. Administrative approval must be received **PRIOR** to registering or taking credits beyond the 1.0 credit limit. If a student exceeds the 1.0 credit limit without prior administrative approval he/she will be required to repeat the course during the regular school year. Administration may approve exceptions to this policy for Residential Life students and for students who need to make up social studies credits during the summer.

The chart on the next page is intended to help you develop a four-year plan from grades 9 through 12. Courses listed are **ALL** graduation requirements. Elective courses may be chosen as time and course availability permits.

Courses that are listed **MUST** be taken at the grade level shown. Other courses can be taken at two or more grade levels as indicated.

Please refer to departmental sections of the Course Catalog for courses appropriate for specific grades and prerequisite information.

Classes of 2024 & 2025

GRADES 9-12 PROGRAM MODEL

GRADE 9	CREDITS		GRADE 10	CREDITS
English 9	1.0	GRADES 9 or 10: Personal Health 0.5 Speech 0.5	English 10	1.0
Hawaiian Culture	0.5		World History	1.0
PE 1	0.5		PE 2	1.0
-			-	
-			-	
-			-	
Gr 9 CREDITS	6.0		Gr 10 CREDITS	6.0
OTHER GRADES 9-12 REQUIREMENTS: Mathematics (any three years) 3.0 Science (any three years) 3.0 ‘Ōlelo Hawai‘i/Languages (same lang, any 2 consec yrs) 2.0 Performing Arts (any semester) 0.5 Visual Arts (any semester) 0.5				
GRADE 11	CREDITS		GRADE 12	CREDITS
English 11	1.0	GRADES 11 or 12: Hawaiian Hist 0.5 Economics 0.5 Adv Speech 0.5	English	1.0
US History	1.0		-	
-			-	
-			-	
-			-	
-			-	
Gr 11 CREDITS	6.0		Gr 12 CREDITS	6.0

Class of 2026 & beyond

GRADES 9-12 PROGRAM MODEL

GRADE 9	CREDITS		GRADE 10	CREDITS														
English 9 Hawaiian History 1 - - - -	1.0 0.5	GRADES 9 or 10: Personal Health 0.5 Foundations of Fitness 0.5	English 10 World History - - -	1.0 1.0														
Gr 9 CREDITS	6.0		Gr 10 CREDITS	6.0														
OTHER GRADES 9-12 REQUIREMENTS:																		
<table style="width: 100%; border: none;"> <tr> <td style="padding: 2px;">Christian Education (any semester)</td> <td style="text-align: right; padding: 2px;">0.5</td> </tr> <tr> <td style="padding: 2px;">Mathematics (any three years)</td> <td style="text-align: right; padding: 2px;">3.0</td> </tr> <tr> <td style="padding: 2px;">Science (any three years)</td> <td style="text-align: right; padding: 2px;">3.0</td> </tr> <tr> <td style="padding: 2px;">‘Ōlelo Hawai‘i/Languages (same lang, any 2 consec yrs)</td> <td style="text-align: right; padding: 2px;">2.0</td> </tr> <tr> <td style="padding: 2px;">Performing Arts (any semester)</td> <td style="text-align: right; padding: 2px;">0.5</td> </tr> <tr> <td style="padding: 2px;">Speech (any semester)</td> <td style="text-align: right; padding: 2px;">0.5</td> </tr> <tr> <td style="padding: 2px;">Visual Arts (any semester)</td> <td style="text-align: right; padding: 2px;">0.5</td> </tr> </table>					Christian Education (any semester)	0.5	Mathematics (any three years)	3.0	Science (any three years)	3.0	‘Ōlelo Hawai‘i/Languages (same lang, any 2 consec yrs)	2.0	Performing Arts (any semester)	0.5	Speech (any semester)	0.5	Visual Arts (any semester)	0.5
Christian Education (any semester)	0.5																	
Mathematics (any three years)	3.0																	
Science (any three years)	3.0																	
‘Ōlelo Hawai‘i/Languages (same lang, any 2 consec yrs)	2.0																	
Performing Arts (any semester)	0.5																	
Speech (any semester)	0.5																	
Visual Arts (any semester)	0.5																	
GRADE 11	CREDITS		GRADE 12	CREDITS														
English 11 US History - - - -	1.0 1.0	GRADES 11 or 12: Hawaiian History 2 0.5	English - - - -	1.0														
Gr 11 CREDITS	6.0		Gr 12 CREDITS	6.0														

KS DIGITAL (Online)

<https://blogs.ksbe.edu/kskhsdigital/>

KS Digital Online Courses offer choice, flexibility, and personalization for KS students to earn course credits through distance learning with highly qualified educators from within KS or from external partners who specialize in digital education. By increasing the availability of certain courses, we allow more students to have better control of their learning path over the course of their high school journey. ***Online courses are part of a student's regular course load; therefore, students are expected to remain on campus and may use available quiet spaces on campus to complete their coursework during open periods in their schedules.***

Eligible Students

KS Digital Online courses will be available to current rising grade 9-12 KSK students in good academic standing and who exhibit traits to be successful in an online learning environment. New invitees will not be eligible at this time. ***Participation in online courses is optional.***

Expectations for KS Digital Online Courses

Digital online learning requires a unique commitment and special expectations that should be understood BEFORE enrolling in an online course. Those expectations include:

- Access to stable, high-speed internet connection
- Access to a microphone AND webcam
- Ability to manage technology independently
- Ability to manage work and time independently
- Currently in good conduct and academic standing, including a minimum 3.0 GPA (**unweighted**)
- Ability to engage in BOTH the synchronous AND asynchronous components of the course

'Ohana are also expected to commit to the success of their child by:

- Designating a quiet space for learning
- Providing general school supplies and required learning materials

External Partners

We have partnered with three leaders in online learning for high schoolers:

1. [Arizona State University Prep Digital](#) - ASUPD is an accredited K-12 online school and part of Arizona State University.
2. [Global Online Academy](#) - GOA courses are designed, developed and taught by teachers from member schools around the globe and meet the rigor and high quality for which these schools are well-known.
3. [FlexPoint Education Cloud](#) - FlexPoint is an accredited Global School with over 20 years of experience in delivering high-quality online courses for students in grades K-12.

While some classes will be taught by external providers, credit for select courses will be awarded by Kamehameha Schools. ***Fees for online courses from external partners are covered within KS annual tuition.***

Available Courses

ONLINE KS Digital Online Courses are marked with a special “online” icon. **Students may take one course per academic year (fall to spring). Students may be allowed to take an additional course with administration approval.** Separate paperwork will need to be submitted to KS by designated due dates to ensure all credits and grades earned in courses from external partners are transferred to and recorded in the student’s official KS transcript.

SY23-24 Courses
<u>Arizona State University Prep Digital Courses</u> <ul style="list-style-type: none">• BioBeyond Parts A & B (satisfies KHS Biology course)• Critical Chemistry Parts A & B (satisfies KHS Chemistry course)• Mandarin 1 (satisfies KHS language requirement. Does not fulfill KHS ‘Ōlelo Hawai‘i proficiency requirement)• Mandarin 2 (satisfies KHS language requirement. Does not fulfill KHS ‘Ōlelo Hawai‘i proficiency requirement)• Mandarin 3 Honors (satisfies KHS language requirement. Does not fulfill KHS ‘Ōlelo Hawai‘i proficiency requirement)• World History Parts A & B (satisfies KHS World History course)
<u>Global Online Academy Courses</u> <ul style="list-style-type: none">• Number Theory (satisfies KHS elective)
<u>FlexPoint Education Cloud Courses</u> <ul style="list-style-type: none">• Critical Thinking and Study Skills (satisfies KHS elective)
<u>KS Kumu-Led Online Courses (*request through normal KHS registration process)</u> <ul style="list-style-type: none">• Write for College Online*• Multicultural Literature Online*

ALL online courses offered through external partners require counselor and guardian approval for enrollment to be complete.

NOTE: Full course descriptions and additional prerequisites can be found in the content area sections of the catalog.

Adding/Dropping a Course

Students enrolled in a course from an external partner must adhere to the external partner “add/drop” dates. Please see the KSK HS Digital websites at blogs.ksbe.edu/kskhsdigital/ for deadlines.

Students enrolled in a KS Kumu-Led online course must adhere to the KS policy on schedule changes. Generally, schedule change requests must be processed before the end of the first week of each semester.

All schedule changes require administrative approval. Failure to adhere to add/drop deadlines may result in an “F” grade for the semester in the course that is dropped and an insufficient number of required credits for the year if space in an in-person course is unavailable. Students may be asked to attend summer school and may be prohibited from enrolling in additional online course offerings.

Non-Completion/Failure of a Course

Students should do their best to pass all courses. Non-Completion of a course or an “F” grade in a course could result in the following consequences: an “F” on KSK high school transcript, impact to KSK graduation if failure is in a required course, ineligibility to retake the same course in an online setting, or impact of eligibility to enroll in future online courses.

If you have any questions about our KS digital online offerings or registration for these courses, please email Zandra Ah Choy-Agusen, our Digital Coordinator, at kskhsdigital@ksbe.edu or visit our KSK HS Digital website at blogs.ksbe.edu/kskhsdigital/.

E OLA! CERTIFICATES

<https://sites.google.com/ksbe.edu/eolacertificates/home>

E Ola! Certificates provide haumāna with an intentional structure for students to pursue their interests or passions. It advances haumāna through their E Ola! journey by providing personalized opportunities of exploration and experiences grounded in Hawaiian culture based education and giving them a competitive advantage for life after KS. E Ola! Certificates are optional and not required for graduation.

E Ola! Certificates:

- Are unique to Kamehameha (grounded in E Ola!)
- Supports interdisciplinary collaboration
- Recognizes and celebrates student's time and mastery/level of focused skills

FRAMEWORK

E Ola! Certificates framework is based on four stages of development:

1. **Foundation** - Building a strong foundation upon a student's passions and strengths. This is the phase where students gain basic knowledge and begin their skill building.
2. **Focus** - Honing in and deepening skills by increasing student engagement and having broader experiences.
3. **Hō'ike** - Ma ka hana ka 'ike, through doing one learns. By engaging students in hands-on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom. Students may select their own hands-on experiences.
4. **Holomua** - This stage takes place after haumāna have completed their time at KS and begin to share their 'ike with others through real-world experiences.

HOLOMUA

- Real-world application
- Mastering skills in college or occupation
- Teaching
- Leading

HŌ'IKE

- Application of skills
- Reflection
- Peer-to-peer learning
- Articulation of experiences

FOCUS

- Deepening of skills
- Increased student engagement
- Kumu-led
- Broader experiences

FOUNDATION

- Building a kahua
- Learning of skills
- Kumu-led
- Non-linear

E OLA! CERTIFICATES

To complete a certificate, students must take between 3.0 to 4.0 credits of classes that are aligned with a certificate's concentration. In SY23-24, we will begin by offering two E Ola! Certificates. Additional certificates will be introduced in the near future. For more information, please contact your grade-level counselor.

1

Certificate: **ALOHA 'ĀINA** - *Hawaiian Patriotism; love for the land and its people.*

Concentration: **SUSTAINABILITY** - *Avoidance of the depletion of natural resources in order to maintain an ecological balance*

FOUNDATIONAL COURSES

Required courses

- English 9/10 Hawaiian Pacific World Literature or English 11 Hawaiian Pacific American Literature (1.0)
- Hawaiian 3 (1.0)

FOCUS COURSES

Must complete minimum of 2.0 credits from the following:

- Botany (1.0)
- Conservation Biology (1.0)
- AP Environmental Science (1.0)
- Honors US History Through an Environmental Lens (1.0)
- Marine Science (1.0)
- Papa Kilohökū (1.0)

HŌ'IKE EXAMPLES

Must complete one experience

Possible hō'ike experiences may include:

- Lamakū reflection
- Community work in loko i'a, lo'i kalo, mala, etc...
- Internships (Kupu, MA'O)

2

Certificate: **ALOHA 'ĀINA** - *Hawaiian Patriotism; love for the land and its people.*

Concentration: **'ŌLELO HAWAI'I & MO'OMEHEU** - *Hawaiian language and culture*

FOUNDATIONAL COURSES

Required courses

- English 9/10 Hawaiian Pacific World Literature or English 11 Hawaiian Pacific American Literature (1.0)
- Hawaiian 3 (1.0)

FOCUS COURSES

Must complete minimum of 2.0 credits

- Honors Hawaiian 4 or 5 (1.0)
- Mō'aukala Hawai'i (0.5)
- Haku Mele (0.5)
- Literature of the Pacific (0.5) or Literature of Hawai'i (0.5)
- Honors 'Epekema Kai Ma Ka 'Ōlelo Hawai'i (1.0)
- Hawaiian Chant & Dance (0.5) or Hawaiian Ensemble (1.0)
- Hawaiian History through Art (0.5)
- Honors Nā Wāhine Mana (0.5)
- Hawaiian History (0.5)

HŌ'IKE EXAMPLES

Must complete one experience

Possible hō'ike experiences may include:

- Lamakū reflection
- Hula performance or competition
- Ho'okani pila performance or competition

HONORS & ADVANCED PLACEMENT PROGRAM

Subject to Change

The Honors Program offers a curriculum of intensive study for strongly motivated high-ability students. Two types of courses are included in the program:

1. **HONORS** courses are designed to challenge the most academically capable students.
2. **ADVANCED PLACEMENT (AP)** courses are college-level courses that prepare students for AP exams which may earn credit at participating colleges and universities.

Starting in School Year 2023-2024, Regular Dual Credit (DC) courses will no longer fulfill the Honors Diploma criteria. DC courses that have the Honors designation will fulfill the requirements below.

HONORS DIPLOMA CRITERIA

For all currently enrolled classes:

To receive an Academic Honors Diploma, students must meet the following requirements:

1. Complete 7.0 credits in Honors Program (this can include any mix of Honors and AP courses).
 - a. To fulfill the requirement, students must also have the following:
 - i. Two (2) Advanced Placement (AP) courses (minimum 1.5 credits).
 - ii. At least one AP course must be taken during the senior year.
 - A fourth-, fifth-, or sixth-year language course, taken senior year, may take the place of one AP course.
2. Achieve a cumulative GPA of 3.5 and 3.0 weighted average in Honors Program courses.

Academic honesty and integrity are essential requirements for earning an Academic Honors Diploma from Kamehameha Schools Kapālama. Any student working toward an Academic Honors Diploma, who is found to be academically dishonest (e.g. has cheated, copied the work of others, and/or plagiarized from others), risks the loss of the opportunity to earn the Academic Honors Diploma.

***NOTE: For the classes of 2024, 2025, and 2026, if students took a DC course to fulfill the first requirement of at least 2 AP or DC courses, those will be honored. It will not waive the requirement to take an AP course during senior year.**

HONORS & ADVANCED PLACEMENT COURSES

The current Honors & AP Program curriculum includes the following courses (Subject to Change):

DEPT	Honors/AP Course Title	
English	Honors English 9	Honors Eng 9: Focus on Hawaii, Pacific, World Literature
	Honors English 10	Honors Eng 10: Focus on Hawaii, Pacific, World Literature
	Honors English 11	Honors Eng 11: Focus on Hawaii, Pacific, American Literature
	AP Language & Composition	AP Literature & Composition
	AP Literature & Composition (Comparative)	
Languages	Honors Hawaiian 4	Honors Spanish 4
	Honors Hawaiian 5	Honors Spanish 5
	Honors Hawaiian 6	AP Spanish
	Honors Japanese 4	AP Japanese
Math	Honors Geometry	Honors Algebra 2
	AP Precalculus	AP Calculus AB or AP Calculus BC
	AP Computer Science Principles	AP Statistics
Science	Honors Biology	AP Biology
	Honors Chemistry	AP Chemistry
	Honors Physics	AP Physics 1
	Honors Science Research	AP Physics 2
	Honors 'Epekema Kai (Marine Science)	AP Physics C (Calculus Based)
	AP Environmental Science	
Social Studies	Honors World History	AP World History
	Honors U.S. History	Honors U.S. History through an Environmental Lens
	AP U.S. History	AP Psychology
	Honors Hawaiian History	Honors Papa Mō'aukala Hawai'i (Honors Hawaiian History in Hawaiian Language)
	AP Economics	Honors Nā Wāhine Mana (Honors Hawaiian History through Powerful Hawaiian Women)
Speech	Honors Argumentation & Debate	Honors Interpretation & Public Speaking

DUAL CREDIT & HPU AA OPPORTUNITY

blogs.ksbe.edu/khsdualcredit

DUAL CREDIT (DC) — *Participation in dual credit is optional.*

Kapālama High School, in partnership with Hawai'i Pacific University (HPU), offers specific courses that have been aligned between our two educational institutions that allow students to earn high school and college credits concurrently. KS covers the cost of tuition and materials/supplies for dual credit courses.



This icon will be listed next to dual credit courses.

Dual credit courses are available to students in good academic standing and who exemplify good conduct and meet established criteria of the respective post-secondary institutions such as SAT/ACT, academic qualifying tests, or GPA (grade point average). When completing your course requests, you must select the dual credit course by inputting the KS DC course number. Please note that requesting a dual credit course does NOT register you automatically into the course, as with all KS courses this is only a “course request.” Once you request a dual credit course, you will receive email communication regarding any necessary next steps. Failure to reply to emails and complete any additional steps by deadlines may jeopardize your course enrollment.

Dual credit classes offered through HPU are subject to change. Please see the dual credit website at blogs.ksbe.edu/khsdualcredit for the most up to date KS course offerings and HPU college course equivalents. DC courses can only be taken once. Additionally, the same course may not be taken as “regular” and then again for dual credit.

DEPT	KHS Course Title	HPU Course # and Name	KHS DC Course #
English	Literature of the Pacific DC (Sem)	ENGL 1101: Representations of Pacific Life	KH02311
	Writing for College DC (Fall Sem)	WRI 1100: Writing and Analyzing Arguments	KH02362
	Research & Writing (Spring Sem)	WRI 1200: Research, Argument and Writing	KH02365
Languages	Hawaiian 1 DC (Year)	HAWN 1100: Beginning Hawaiian I & HAWN 1200 Beginning Hawaiian II	KH02282
	Hawaiian 2 DC (Year)	HAWN 2100: Intermediate Hawaiian I & HAWN 2200: Intermediate Hawaiian II	KH02283
	Japanese 3 DC (Year)	JPE 1100: Beginning Japanese I & JPE 1200: Beginning Japanese II	KH02280
	Honors Japanese 4 DC (Year)	JPE 2100: Intermediate Japanese I & JPE 2200: Intermediate Japanese II	KH02281
	Spanish 3 DC (Year)	SPAN 1100: Beginning Spanish I & SPAN 1200: Beginning Spanish II	KH02285
	Honors Spanish 4 DC (Year)	SPAN 2100: Intermediate Spanish I & SPAN 2200: Intermediate Spanish II	KH02286
Learning Center	Global Cinema Studies DC (Sem)	MULT 2000: Global Cinema Studies	KH08257

DEPT	KHS Course Title	HPU Course # and Name	KHS DC Course #
Math	Pre-Calculus DC (Year)	MATH 1130: Pre-Calculus I & MATH 1140: Pre-Calculus II	KH01331 KH01333
	Calculus DC (Year)	MATH 2214: Calculus I & MATH 2215: Calculus II	KH01332 KH01334
	Multivariable Calculus DC (Sem)	MATH 2216: Calculus III	KH01361
	College Linear Algebra DC (Sem)	MATH 3305: Linear Algebra	KH01362
	Algebra 2B DC (Sem)	MATH 1105: Intermediate Algebra	KH01358
	Probability and Statistics DC (Sem)	MATH 1123: Statistics	KH01360
Performing Arts	Music Theory DC (Sem)	MUS 1400: Music Fundamentals	KH04284
	Play Production DC (Sem)	THEA 1400: Introduction to Technical Theater	KH04335
	Theatre Performance DC (Sem)	THEA 2320: Acting I: Basic Acting for Stage & Screen	KH04336
PE/Health	Foods & Nutrition DC (Sem)	BIOL 1300 Nutrition: Eat Smarter	KH06261
	Personal Health DC (Sem)	PH 1000: Introduction to Personal Health	KH06262
Science	Astronomy (Year)	PHYS 1020: Astronomy (Sem 2)	KH0xxxx^
	Honors Biology (Year)	BIOL 1000: Introductory Biology (Sem 2)	KH0xxxx^
	Honors Chemistry (Year)	CHEM 1000: Introductory Chemistry (Sem 2)	KH0xxxx^
	Conservation Biology (Year)	BIOL 1500: Conservation Biology (Sem 2)	KH0xxxx^
	Botany (Year)	BIOL 2170: Ethnobotany (Sem 2)	KH0xxxx^

DEPT	KHS Course Title	HPU Course # and Name	KHS DC Course #
Social Studies	Introduction to Political Science DC (See)	PSCI 2000 Introduction to Politics	KH03253
	US History through Gender Studies DC (Year)	HUM 1270 Intro to Gender and Women's Studies & HIST 1402 The American Experience 1865 - Present	KH03264
	Sociology DC (Sem)	SOC 1000 Introduction to Sociology	KH03267
	Introduction to Microeconomics DC (Sem)	ECON 2010 Principles of Microeconomics	KH03273
	Introduction to Macroeconomics DC (Sem)	ECON 2015 Principles of Macroeconomics	KH03272
	The International System DC (Sem)	INTRO 1000: The International System	KH03142
	World History DC (Year)	HIST 1001: Traditional Encounters-World Cultures to 1500 & HIST 1002: Global Crossroads 1500 to Present	KH03278
	Psychology DC (Sem)	PSYC 1000: Introduction to Psychology	KH03275
Speech	Speech Communications DC (Sem)	COMM 1000 Introduction to Communication Skills	KH02404
	Advanced Speech Communication DC (Sem)	COMM 2000 Public Speaking	KH02411
	Media Communication & Technology DC (Sem)	MC 1000: Public Mass Media Today	KH02452
Tech & Business	Computer Programming DC (Sem)	CSCI 1611: Intro to Computer Programming	KH01336
	Digital Tools for the Information Age DC (Sem)	MIS 2000: Information Tools for Business	KH05388

DEPT	KHS Course Title	HPU Course # and Name	KHS DC Course #
Visual Arts	Introduction to Visual Arts DC (Sem)	ARTS 1000 Introduction to Visual Arts	KH04182
	The Creative Camera: Foundations in Photo & Video DC (Sem)	MULT 1050: Point, Shoot, Edit	KH04101
	Drawing and Painting I DC (Sem)	ARTS 2010: Beginning Drawing	KH04183

^ indicates DC course will be offered in semester 2 of a KHS year course. Students must register for a full-year KHS course and will receive DC information and registration paperwork in fall 2023 to opt into the DC course for semester 2.

HPU AA PLANNING MAP

Category	HPU Course #	HPU Course Name	# credits	KS Course #	KS Course Name	KS Department
Hawaii & the Pacific	BIOL 2170	Ethnobotany: People and Plants	3	<small>See note about science registration</small> KH02311	DC Botany (Sem 2)*	SCIENCE
	ENG 1101	Representations of Pacific Life	3	KH02282	DC Literature of the Pacific	SR ENGLISH
	HAWN 1100	Beginning Hawaiian I	4	KH01360	DC Hawaiian 1 (Sem 1)	LANGUAGE
Quantitative Analysis & Symbolic Reasoning	MATH 1123	Statistics	3	KH01331	DC Probability and Statistics*	MATH
	MATH 1130	Pre-calculus I	3	KH01332	DC Pre-Calculus (Sem 1)*	MATH
	MATH 2214	Calculus I	3	KH02362	DC Calculus (Sem 1)*	MATH
Written Communication & Information Literacy I	WRI 1100	Writing and Analyzing Arguments	3	KH02365	DC Writing for College*	SR ENGLISH
Written Communication & Information Literacy II	WRI 1200	Research, Argument and Writing	3	KH03264	DC Research & Writing*	SR ENGLISH
The American Experience	HIST 1402	The American Experience: 1865 to Present	3	KH03264	DC US History through Gender Studies (Sem 1)	SOC STUDIES
	HUM 1270	Introduction to Gender and Women's Studies	3	KH03264	DC US History through Gender Studies (Sem 2)	SOC STUDIES
	SOC 1000	Introduction to Sociology	3	KH03267	DC Sociology	SOC STUDIES
Creative Arts	ARTS 1000	Introduction to Visual Arts	3	KH04182	DC Introduction to Visual Arts	ART
	THEA 2320	Acting I: Basic Acting for Stage and Screen	3	KH04336	DC Theater Performance*	PERF ARTS
Critical Thinking & Expression	COM 1000	Introduction to Communication Skills	3	KH02404	DC Speech Communication	SPEECH
	COM 2000	Public Speaking	3	KH02411	DC Advanced Speech Communications	SPEECH
	ECON 2010	Principles of Microeconomics	3	KH03273	DC Intro to Microeconomics	SOC STUDIES
	PSY 1000	Introduction to Psychology	3	KH03275	DC Psychology	SOC STUDIES
Global Crossroads & Diversity	HIST 1002	Global Crossroads: 1500 - Present	3	KH03278	DC World History (Sem2)	SOC STUDIES
	MULT 2000	Global Cinema Studies	3	KH08257	DC Global Cinema Studies	ELECTIVE
The Natural World	BIOL 1000	Introduction to Biology	3	<small>See note about science registration</small> KH06261	DC Honors Biology (Sem 2)*	SCIENCE
	BIOL 1300	Nutrition: Eat Smarter	3	<small>See note about science registration</small> KH06261	DC Foods & Nutrition	Physical Ed
	CHEM 1000	Introductory Chemistry	3	<small>See note about science registration</small> KH06261	DC Honors Chemistry (Sem 2)*	SCIENCE
	PHYS 1020	Astronomy	3	<small>See note about science registration</small> KH06261	DC Astronomy (Sem 2)	SCIENCE
The Sustainable World	BIOL 1500	Conservation Biology	3	<small>See note about science registration</small> KH06261	DC Conservation Biology (Sem 2)*	SCIENCE
Tech & Innovation	CSCI 1611	A Gentle Introduction to Programming	3	KH01336	DC Computer Programming*	MATH
	MIS 2000	Information Tools for Business	3	KH05388	DC Digital Tools for the Information Age	BUSINESS/TECH
	MULT 1050	Point, Shoot, Edit	3	KH04101	DC The Creative Camera: Foundations in Photo & Video	ART
Traditions & Movements that Shape the World	ECON 2015	Principles of Macroeconomics	3	KH03272	DC Intro to Macroeconomics*	SOC STUDIES
	HIST 1001	History of the World Cultures to 1500	3	KH03278	DC World History (Sem1)	SOC STUDIES
	PSCI 2000	Introduction to Politics	3	KH03253	DC Introduction to Political Science*	SOC STUDIES
Unrestricted Electives	ARTS 2010	Beginning Drawing	3	KH04183	DC Drawing and Painting I	ART
	HAWN 1200	Beginning Hawaiian II	4	KH02282	DC Hawaiian 1 (Sem 2)	LANGUAGE
	HAWN 2100	Intermediate Hawaiian I	4	KH02283	DC Hawaiian 2 (Sem 1)	LANGUAGE
	HAWN 2200	Intermediate Hawaiian II	4	KH02283	DC Hawaiian 2 (Sem 2)*	LANGUAGE
	JPE 1100	Beginning Japanese I	3	KH02280	DC Japanese 3 (Sem 1)*	LANGUAGE
	JPE 1200	Beginning Japanese II	3	KH02280	DC Japanese 3 (Sem 2)*	LANGUAGE
	JPE 2100	Intermediate Japanese I	3	KH02281	DC Japanese 4 (Sem 1)*	LANGUAGE
	JPE 2200	Intermediate Japanese II	3	KH02281	DC Japanese 4 (Sem 2)*	LANGUAGE
	MATH 1105	Intermediate Algebra	3	KH01358	DC Algebra 2B*	MATH
	MATH 1140	Pre-Calculus II	3	KH01333	DC Pre-Calculus 2 (Sem 2)*	MATH
	MATH 2215	Calculus II	3	KH01334	DC Calculus 2 (Sem 2)*	MATH
	MATH 2216	Calculus III	3	KH01361	DC Multivariable Calculus	MATH
	MATH 3305	Linear Algebra	3	KH01362	DC College Linear Algebra	MATH
	MC 1000	Mass Media Today	3	KH02452	DC Mass Media Today*	SPEECH
	MUS 1400	Music Fundamentals I	3	KH04284	DC Music Theory*	PERF ARTS
	PH 1000	Introduction to Personal Health	3	KH06262	DC Personal Health	Physical Ed
	SPAN 1100	Beginning Spanish I	3	KH02285	DC Spanish 3 (Sem 1)*	LANGUAGE
	SPAN 1200	Beginning Spanish II	3	KH02285	DC Spanish 3 (Sem 2)*	LANGUAGE
	SPAN 2100	Intermediate Spanish I	3	KH02286	DC Spanish 4 (Sem 1)*	LANGUAGE
	SPAN 2200	Intermediate Spanish II	3	KH02286	DC Spanish 4 (Sem 2)*	LANGUAGE
THEA 1400	Introduction to Technical Theater	3	KH04335	DC Play Production*	PERF ARTS	

*indicates course has a prerequisite

The full AA Planning Map with AP offerings is regularly updated [here \(https://blogs.ksbe.edu/khsdualcredit/associate-degree/planning-documents/\)](https://blogs.ksbe.edu/khsdualcredit/associate-degree/planning-documents/) on the Dual Credit website. Please utilize the most up to date map when planning courses.

GRADE SCALE

Updated 12/2022

Subject to Change

Effective SY2023-2024, Dual Credit (DC) courses will be weighted as a regular course on a 4.0 scale, unless the DC course is aligned to a Honors level course (for example, Honors Biology DC.) This update will not affect DC courses completed prior to the end of SY2022-2023.

Honors Program courses are rigorous and expectations for students enrolled in them are high. As a result, course grades, which determine student GPA and class rank, are weighted differently than in the regular program as indicated below.

LETTER GRADE	REGULAR COURSE	HONORS COURSE	AP COURSE	RANGE IN PERCENTAGES
A	4.0	4.5	5.0	93 - 100%
A-	3.7	4.2	4.7	90 - 92%
B+	3.3	3.8	4.3	87 - 89%
B	3.0	3.5	4.0	83 - 86%
B-	2.7	3.2	3.7	80 - 82%
C+	2.3	2.8	3.3	77 - 79%
C	2.0	2.5	3.0	73 - 76%
C-	1.7	2.2	2.7	70 - 72%
D+	1.3	1.3	1.3	67 - 69%
D	1.0	1.0	1.0	63 - 66%
D-	0.7	0.7	0.7	60 - 62%
F	0.0	0.0	0.0	0 - 59%

Students may take one, two, or more courses in the Honors Program depending upon his/her abilities and interests. Students should contact a grade level counselor or the subject area teachers for entrance criteria and other program information.

NCAA ELIGIBILITY

Interested in NCAA Athletics (Division I or Division II) after Kamehameha?

The NCAA Eligibility Center maintains a list of approved core courses for every high school in the country that has registered with the NCAA Eligibility Center. A core course is any course at your high school (English, Math, Natural/Physical Science and Social Studies, some Foreign Language, Philosophy and Non-Doctrinal Religion classes) that has been reviewed and approved by the NCAA Eligibility Center as a course that meets its academic standards.



This icon is used to identify core courses currently listed on the NCAA "Approved List of Courses" as of 12/2022.

All incoming college freshmen that plan on attending any NCAA Division I or II University MUST register with the NCAA Eligibility Center, meet all academic and amateur requirements and be certified by the NCAA Eligibility Center. It is the responsibility of the individual and his or her family to monitor one's eligibility status and meet NCAA deadlines accordingly.

For more information, please contact your grade level counselor, Athletics, or to see the most recent listing of "Approved Courses," visit the NCAA Eligibility Center at: <https://web3.ncaa.org/ecwr3/>.

KAPĀLAMA SUMMER SCHOOL

https://www.ksbe.edu/education/kapalama/halau_kukalaulama/summer_school/

Dates for the 2023 Kamehameha Schools Kapālama Summer School session for grades 9-12 are from **June 13 - July 21, 2023 (July 4 - Holiday)**. Classes run from 7:35 a.m. to 11:45 a.m.

Summer school credit courses are offered at an accelerated pace, with each day being the equivalent of approximately a week of class during the regular school year. Students who are absent more than three days will not receive credit for the course.

*NOTE: Summer School credits from other accredited programs need prior approval. An External Credit Request Form needs to be submitted to the Assistant Principal prior to enrolling in the course. Approved courses will be recorded on the student's transcript. Students will still be required to carry six credits during the regular school year.

SOCIAL STUDIES Important Note: All students are limited to earning no more than 1.0 social studies graduation requirement credit during the course of three summers. For example, a student may take Hawaiian History (0.5 credit) and Economics (0.5 credit), or US History (1.0 credit), or World History (1.0 credit) in a summer. Administrative approval must be received prior to registering or taking credits beyond the 1.0 credit limit. If a student exceeds the 1.0 credit limit without prior administrative approval he/she will be required to repeat the course during the regular school year. The administration may approve exceptions to this policy for residential life students and for students who need to make up social studies credits during the summer.

For a listing of courses and program descriptions, please see below. For more summer school general information, please call Kamehameha Schools Kapālama Hālau Kūkalaulama office at (808) 842-8765.

SCIENCE



BIOLOGY KS02161

Tuition \$400.00

For students entering grades 9-12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

Prerequisite: Concurrent enrollment in Core Algebra, Algebra 1A or 1B.

This is an introductory biology course that is for students who desire a general knowledge of biology and the Natural World. The course covers the following major themes: biochemistry, cell biology, genetics, evolution, biodiversity, ecology, sustainability and conservation, and is designed to integrate local and global issues in the biological sciences. Students are given opportunities to perform laboratory exercises that demonstrate properties of biological systems and to explore biological concepts. They will also design experiments, analyze their data, and communicate their findings. Additionally, students will be involved in research and stewardship activities to help them recognize their connections and responsibilities to the natural resources that sustain them. Finally, students will be involved in activities to help them recognize their kuleana and their connection to 'āina.



PHYSICS KS01166

Tuition: \$400.00

For students entering grades 9-12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

Prerequisite: Grade of C or higher in Algebra 1B.

This is an introductory physics course that is designed to strengthen scientific literacy and provide a broad overview of physics and its application in daily life. This is a laboratory course with a wide variety of “hands on” activities as well as mathematical problem solving. Students will dispel misconceptions and learn physics concepts such as the scientific method, motion, forces, energy, momentum, electricity, and waves, in addition to applying Algebra to the physics concepts. Notebook and scientific calculator required.

ARCHEOLOGICAL FIELD SCHOOL *WITH UH MĀNOA KS10003 *Tuition: \$400.00*

In-person; Class hours vary - see description (1.0 credit)

In this four-week course designed to help haumāna achieve E Ola! while enriching our collective knowledge about Kapālama’s past, haumāna are introduced to the questions asked by archaeologists and related scientists, the methods used to investigate those questions, and engage in an analysis of archaeological and

related materials. At the conclusion of the course, haumāna author academic papers and make conference-style presentations on the archaeological resources of Kapālama campus. Please note that the first and last weeks of this four-week course are half day (7:35 a.m. – 11:35 a.m.), with weeks two and three being full-day (7:35 a.m. – 3:00 p.m.) commitments in the field.

MEDICAL PROBLEM SOLVING KS09683

Tuition: \$400.00

In-person; 7:35 a.m. - 11:45 a.m. (.5 credit)

Students selected by KS Science Department Head and faculty. For more information please contact Mrs. Nicole Akana at 843-3526.

In this course, students collaboratively solve medical mystery cases, similar to the approach used in many medical schools. Students enhance their critical thinking skills as they examine data, draw conclusions, diagnose, and treat patients. Students use problem-solving techniques in order to understand and appreciate relevant medical/biological facts as they confront the principles and practices of medicine. Students explore anatomy and physiology pertaining to medical scenarios and gain an understanding of the disease process, demographics of disease, and pharmacology. Additional learning experiences include studying current issues in health and medicine, building a community-service action plan, interviewing a patient, and creating a new mystery case.

ENGLISH

INTRO TO ENGLISH 9 KS00928

Tuition: \$200.00

For students entering grade 9.

In-person; 7:35 a.m. - 9:30 a.m. (.5 elective credit)

This course is designed to supplement the regular English Program and may NOT be used to fulfill a required English course at any grade level.

Students will learn a variety of techniques that reinforce basic reading and writing skills needed for English 9 and beyond. Emphasis will also be placed on reinforcing good study habits. Curriculum includes studying basic literacy genre such as short story, poetry, drama, and the novel, as well as learning special strategies, and approaches to literature. Enrichment activities include individual/group projects and games that encourage cooperative and collaborative learning.

THE PROCESS KS09997

Tuition: \$200.00

For students entering grade 10-12.

In-person; 9:50 a.m. - 11:45 a.m. (.5 elective credit)

Prerequisite: None.

Did your curiosity just peak? What is the Process? It is really quite simple, reading and writing are both processes. This class is designed to help you better understand the process and pick up tips and strategies to make your experiences in reading and writing stronger. While this class does NOT fulfill the English requirement, it will make you a better reader and writer.

LANGUAGES



HAWAIIAN 1 KS00944

Tuition: \$400.00

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

Prerequisite: None.

Hawaiian 1 emphasizes skills in listening, reading, writing, and speaking so that students can communicate effectively in various situations which range from exchanging greetings to providing information about themselves, family, friends, school, etc. Hawaiian culture is integrated throughout the course. It is recommended that students allow time each day for homework and conversational practice.



HAWAIIAN 1 DC KS02282

Tuition: \$400.00

7:35 a.m. - 11:45 a.m. (1.0 credit)

ONLINE Prerequisite: None. Completion of KS paperwork is required.



Hawaiian 1 emphasizes skills in listening, reading, writing, and speaking so that students can communicate effectively in various situations which range from exchanging greetings to providing information about themselves, family, friends, school, etc. Hawaiian culture is integrated throughout the course. It is recommended that students allow time each day for homework and conversational practice.



HAWAIIAN 2 KS00946

Tuition: \$400.00

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

Prerequisite: Hawaiian 1 with a C- grade or higher and teacher recommendation.

Hawaiian 2 continues to emphasize the four skill areas of listening, reading, speaking, and writing. Greater emphasis is placed on accuracy of pronunciation, expanding vocabulary and learning more complex grammatical structures in new situations that may be culturally relevant. It is recommended that students allow time each day after class for homework and conversational practice.



HAWAIIAN 2 DC KS002283

Tuition: \$400.00

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)



Prerequisite: Hawaiian 1 DC with a C- grade or higher and teacher recommendation.

Hawaiian 2 continues to emphasize the four skill areas of listening, reading, speaking, and writing. Greater emphasis is placed on accuracy of pronunciation, expanding vocabulary and learning more complex grammatical structures in new situations that may be culturally relevant. It is recommended that students allow time each day after class for homework and conversational practice.



HAWAIIAN 3 KS00948

Tuition: \$400.00

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

Prerequisite: Hawaiian 2 with a B-grade or higher and teacher recommendation.

Using the strong foundation of their first two years of study, Hawaiian 3 students will focus on the development of strong oral skills. Most of the class work is conducted in Hawaiian. Daily oral requirements are expected of each student, mostly in the form of spoken presentations in front of the class or individually with the teacher. Additionally, students may request to be placed into Papa Liuliu (Hawaiian language homeroom). Please have your child see his/her class schedule for next year. It is recommended that students allow time each day after class for homework and conversational practice.

MATHEMATICS

CORE ALGEBRA KS09681

Tuition: \$200.00

In-person; 9:50 a.m. - 11:45 a.m. (.5 credit)

Prerequisite: For current Kamehameha students who have completed – Math 8 and KS teacher recommendation. Note: For KS students 10th grade and above, this course satisfies KS graduation credit and fulfills the prerequisite for entry to Algebra 1A.

This course is the first of a three-course Algebra sequence in the KS HS math program and is designed to include a review of real numbers and operations, properties of real numbers, absolute values and symbols. Other topics include the functional connectives “or” and “and”, estimation techniques, probability and odds, solving single variable linear equations and inequalities.



ALGEBRA 1B KS00992

Tuition: \$200.00

In-person; 7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 credit)

Prerequisites: For current Kamehameha students who have completed Algebra 1A and a KS teacher recommendation. Due to the rapid pace of the course, only students with a strong desire and commitment should enroll.

Note: For KS students, this course satisfies KS graduation credit and fulfills the prerequisite for entry to Geometry A.

This course develops student understanding of non-linear relationships and is the final course in Algebra I sequence. Topics include solving systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, and rational equations and functions and radicals.



ALGEBRA 1B KS01285

Tuition: \$200.00

7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 credit)



Prerequisite: For current Kamehameha students who have completed Algebra 1A and a KS teacher recommendation. Due to the rapid pace of the course, only students with a strong desire and commitment should enroll. Note: For KS students, this course satisfies KS graduation credit and fulfills the prerequisite for entry to Geometry A.

This course develops student understanding of non-linear relationships and is the final course in Algebra I sequence. Topics include solving systems of linear equations and inequalities, exponents and exponential functions, quadratic

equations and functions, polynomials and factoring, and rational equations and functions and radicals.



GEOMETRY A/B KS00906

Tuition: \$400.00

In-person; 7:35 a.m. -11:45 a.m. (1.0 credit)

Prerequisite: For current Kamehameha students (sophomore standing or higher) who have completed Algebra 1B and a KS teacher recommendation. Grade 9 KS students may NOT enroll in this course for graduation credit. Due to the rapid pace of this course, only students with a strong desire and commitment should enroll. Note: For KS students 10th grade and above, this course satisfies KS graduation credit and fulfills the prerequisites for entry to Algebra 2A.

This course covers both semesters of Geometry. For Geometry A, students will learn the building blocks of Geometry, practice reasoning, discover and prove properties of triangles and polygons and practice applications of transformations. For Geometry B, students will learn about similar polygons, explore area and volume of solid figures, discover and prove properties of circles, solve problems with right triangles using the Pythagorean Theorem and trigonometry, and connect everything together to see Geometry as a Mathematical System.



GEOMETRY B KS09861

Tuition: \$200.00

In-person; 9:50 a.m. -11:45 a.m. (.5 credit)

Prerequisite: For current Kamehameha students (sophomores standing or higher) who have completed Geometry A and a KS teacher recommendation. Grade 9 students may NOT enroll in course for graduation credit. Due to the rapid pace of the course, only students with a strong desire and commitment should enroll. Note: For KS students 10th grade and above, this course satisfies KS graduation credit and fulfills the prerequisite for entry to Algebra 2A.

This course covers ONLY the second semester of Geometry. Students will learn about similar polygons, explore area and volume of solid figures, discover and prove properties of circles, solve problems with right triangles using the Pythagorean Theorem and trigonometry and connect everything together to see Geometry as a Mathematical System.



ALGEBRA 2B KS09907

Tuition: \$200.00

In-person; 7:35 a.m. - 9:30 a.m. (.5 credit)

Prerequisite: For current Kamehameha students who have completed Algebra 2A and KS teacher recommendation. Due to the rapid pace of the course, only students with a strong desire and commitment should enroll. Note: For KS students, this course satisfies KS graduation credit and fulfills the prerequisite for entry to College Algebra/Trigonometry or Pre-Calculus.

This course covers ONLY the second semester of Algebra 2. This course – which colleges require of students who expect to enroll in physical or social sciences, engineering, or mathematics – begins with a brief review of Algebra 1. Topics covered are quadratics, polynomial functions, complex numbers, rational functions, exponential functions and an intro into logarithms. An introduction to function combinations and inverse functions are also explored.

TECHNOLOGY & BUSINESS

CADD DESIGNING AND COMPUTER DRAFTING KS00956

Tuition: \$400.00

For students entering grades 9-12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 elective credit)

Prerequisite: None

This course uses principles of mechanical design and graphic design as a technical language. Students will experience sketching, presentation layout and technical drawing using both mechanical and computer generated techniques as communication tools. The Computer Aided Design programs, such as AutoCAD and SketchUp will be used to enhance and improve both presentation and computer designing techniques. This course is a prerequisite for many courses in engineering and architecture offered at the college level.

INDUSTRIAL CRAFT EXPLORATION KS09682

Tuition: \$200.00

For students entering grades 9-12.

In-person; 7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 elective credit)

Prerequisite: None

This hands-on class is designed for the student who would like to explore the various courses in the technology field. Students will create projects with different materials such as leather, plastic, wood, and metal. Students will also have the opportunity to explore some basic shop course concepts through exercises and lab activities.

ONLINE PRINCIPLES OF ENTREPRENEURSHIP KS05389*Tuition: \$200.00*

For students entering grades 11-12.

Asynchronous class hours vary (.5 elective credit)

Prerequisite: Exploration of Business OR teacher recommendation.

This course offers the student an opportunity to study, develop and apply entrepreneurial skills and tools critical for starting and succeeding in a new business venture. Students will explore topics such as opportunity recognition and innovation, marketing strategies, government and legal restrictions, sales forecasting and financial record keeping. Opportunity to create a startup business model may also be included in the class.

ROBOTICS LABORATORY KS01193*Tuition: \$400.00*

For students entering grades 9-12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 elective credit)

Prerequisite: None

The Robotics Laboratory is an introductory course to the world of robotics for those who want to explore innovative ways of problem solving and engineering. This introductory course will allow students to get a hands-on approach to engineering and apply physics knowledge (mechanics & electricity), mathematics, logic, computer programming skills, and develop an innovative problem-solving process. Students will engage in the use of simple machines, sensors, motor controllers, wireless remote controls, design build documentation and more. Students will compete and propose solutions to various robotics and S.T.E.M. based competitions and fabricate engineered designs.

SOCIAL STUDIES

Important Note: All students are limited to earning no more than 1.0 social studies graduation requirement credit during the course of three summers. For example, a student may take Hawaiian History (.5 credit) and Economics (0.5 credit), or US History (1.0 credit), or World History (1.0 credit) in a summer. Administrative approval must be received **prior** to registering or taking credits beyond the 1.0 credit limit. If a student exceeds the 1.0 credit limit without prior administrative approval he/she will be required to repeat the course during the regular school year. The administration may approve exceptions to this policy for boarding students and for students who need to make up social studies credits during the summer.



WORLD HISTORY KS00978

Tuition: \$400.00

For students entering grades 10-12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

World History is a record of the adventures of humankind, both the famous and the ordinary, throughout thousands of years. Emphasis is placed on major themes: political change and economic development, the influences of geography on cultures, the growth of science and technology, the effect of contact between people of various countries, and creativity in the arts. Students will examine these themes through reading, writing and hands-on activities



US HISTORY KS00976

Tuition: \$400.00

For students entering grades 11-12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 credit)

This course emphasizes U.S. History in the 20th century. It combines a traditional approach of cause and effect relationships presented in chronological order with an interactive program of skill-oriented tasks. Students will increase skills in writing, reading, listening and speaking as they learn about the origins and development of America's government, economy, society and culture. To complement the text, students will be engaged in problem-solving activities in groups and other skill-oriented tasks that encourage use of multiple intelligences to view, touch, interpret and act out historical events. To ensure that students become future participants in the American political process, emphasis will be placed on understanding important features of the structure and function of government, and the awareness of current issues. A standard research term paper/project, with works cited, will enhance student's critical thinking and writing skills.



INTRO TO MICROECONOMICS KS03271

Tuition: \$200.00

For students entering grades 11-12.

In-person; 7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 credit)

Economics is a semester survey course that introduces students to the basic microeconomic and macroeconomic concepts they will encounter in introductory college economics courses and throughout life. Economics is the study of choice. This course will assist the student in critically analyzing their own choices, the choices of consumers, the choices of producers and the choices of societies and governments at local, national and international levels. Each student should achieve a level of economic literacy sufficient to evaluate both current events and historical events in economic terms. Students will demonstrate and apply their understanding

of economics by writing analysis papers and/or delivering oral presentations. Each analysis will be an application of economic principles and should demonstrate a comprehensive approach to economic problem solving by including a graphical analysis as well as intuitive verbal explanations. Some mathematical skills will be necessary.



HAWAIIAN HISTORY KS03207

Tuition: \$200.00

For students entering grades 11-12.



7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 credit)

A primary goal of the Hawaiian History course is to have students understand how numerous historical circumstances people and events affected previous generations of Hawaiians and how these circumstances, people and events continue to influence their generation. The main focus of this course begins with the rise of the Kamehameha Pai'ea and continues through to our contemporary setting. Stressed throughout the course are efforts of numerous Hawaiian leaders to improve the standing of the Hawaiian nation for the Hawaiian people. Two related goals of the course are to encourage students to become involved in current issues and to be able to look at the world from both western and Hawaiian perspectives. This will enable students to seek opportunities for developing a better future for Hawai'i and Hawaiians.

SPEECH



SPEECH COMMUNICATIONS DC KS02404

Tuition: \$200.00

For students entering grades 9-10.



7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 credit)

Prerequisite: None. Completion of KS paperwork is required.



This course is designed to develop basic communication skills including the ability to think critically, research for speech information, organize material appropriately for oral presentation, communicate with clarity and confidence, and politely listen for understanding. Students will also gain an understanding of the communication process with an emphasis on the mutual responsibility of the speaker and the listener. Speaking experiences include informal activities as well as, introductory, impromptu and informative speeches.



ADVANCED SPEECH DC KS02411

Tuition: \$200.00

For students entering grades 11-12.



In-person; 9:50 a.m. - 11:45 a.m. (.5 credit)

Prerequisite: None

This course is designed to expand student skills in critical thinking and listening, research and organization, and delivery. This course emphasizes the real-world application of persuasive speaking and research through job and personal interviewing, persuasion in marketing and the development of debate and argumentation skills.

SPEECH COMPETITION KS02412

Tuition: \$200.00

For students entering grades 10-12.

Hybrid course: In-person/Online; 7:35 a.m. - 9:30 a.m. (.5 credit)

Prerequisite: Recommendation of a speech teacher. Highly recommended to meet with a Speech & Debate team coach prior to enrolling and to have completed Speech Communication, Honors Interpretation & Public Speaking, Honors Argumentation, or Advanced Speech Communication.

This is a course for students who have demonstrated above-average ability in speech and who are or will be members of the Speech & Debate Team. Students will be required to develop skills in two of the following areas: interpretation, public speaking, and debate events. Skills in research, logic, organization, writing and editing will be taught along with developing strong oral communication skills. Students will be expected to enter two (2) speech or debate competitions during the school year. Professional dress is required for the competitions.

PHYSICAL EDUCATION & HEALTH



PERSONAL HEALTH DC KS06262

Tuition: \$200.00

For students entering grades 9-10.



7:35 a.m. - 9:30 a.m. or 9:50 a.m. - 11:45 a.m. (.5 credit)

Prerequisite: None. Completion of KS paperwork is required.



The Personal Health course is designed to assist each student to learn and practice the health concepts and skills needed to be health literate. These important concepts and skills will be developed through lectures, use of technology, roleplaying, small group work, discussion, presentations by community resource people as well as supplementary handouts and

worksheets. The overall goal of the course is to enable students to meet the challenges that life may pose.

SUMMER SCHOOL INTERNSHIP

INTERNSHIP PROGRAM KS08407

Tuition: \$400.00

For students entering grades 11-12

Hybrid course: In-person/Online; Times/location vary by site. (1.0 elective credit)

Who is this course for? The KS Kapālama Summer School Internship course is open to KS Kapālama rising juniors and seniors (graduating classes of 2024 and 2025) who are self-motivated and ready to learn through working alongside “real world” mentors.

What will students do and gain if they take the course? Each intern will contribute 80-100 unpaid work hours in the form of service and/or preparation and delivery of an original product to help professionals better serve the community in some way. Feedback from real world mentors will shape each intern’s final grade (A-F). In addition to earning 1.0 KS high school elective credit, each student will have the opportunity to bolster their resume and professional portfolio with work samples, and earn a strong professional reference by the end of the course.

In partnership with HAWAI‘I PACIFIC HEALTH

NURSE AIDE PROGRAM (ACUTE CARE) KS09686

Tuition: \$400.00

For students entering grade 12.

In-person; 7:35 a.m. - 11:45 a.m. (1.0 elective credit)

Nurse Aides assist nurses and other health care professionals in the care and treatment of patients. They are involved in the patient’s care and assist in the patient’s activities of daily living. They perform basic duties that include assisting with duties related to admission, discharge, and transfer of patients, patient mobility, repositioning, and vital signs. Closed toe shoes are required to participate.

Please continue reading below for summer school options offered through [Arizona State University Prep Digital](#) and [Global Online Academy](#). These courses require a unique commitment and special expectations that should be understood BEFORE enrolling in these online courses.

SUMMER 2023 DIGITAL LEARNING OPPORTUNITIES

<https://blogs.ksbe.edu/kskhsdigital/>

KS Digital Online Courses offer choice, flexibility, and personalization for KS students to earn course credits through distance learning with highly qualified educators from within KS or from external partners who specialize in digital education. By increasing the availability of certain courses, we allow more students to have better control of their learning path over the course of their high school journey.

Dates for KS Digital Online Summer Courses differ from the in-person courses offered during the Kamehameha Schools Kapālama Summer School session. Session dates of courses offered by external partners vary by vendor. Please see below for session dates by vendor:

- **Arizona State University Prep Digital (ASUPD)** courses will run **June 5 - August 4, 2023**
- **Global Online Academy (GOA)** courses will run **June 15 - August 2, 2023**

Eligible Students

KS Digital Online courses will be available to current rising grade 9-12 KSK students in good academic standing and who exhibit traits to be successful in an online learning environment. New invitees will not be eligible at this time. ***Participation in online courses is optional.***

Expectations for KS Digital Online Courses

Digital online learning requires a unique commitment and special expectations that should be understood BEFORE enrolling in an online course. Those expectations include:

- Access to stable, high-speed internet connection
- Access to a microphone AND webcam
- Ability to manage technology independently
- Ability to manage work and time independently
- Currently in good conduct and academic standing, including a minimum 3.0 GPA (**unweighted**)
- Ability to engage in BOTH the synchronous AND asynchronous components of the course

‘Ohana are also expected to commit to the success of their child by:

- Designating a quiet space for learning during summer sessions
- Providing general school supplies and required learning materials

External Partners

We have partnered with two leaders in online learning for high schoolers:

1. [Arizona State University Prep Digital](#) - ASUPD is an accredited K-12 online school and part of Arizona State University.
2. [Global Online Academy](#) - GOA courses are designed, developed and taught by teachers from member schools around the globe and meet the rigor and high quality for which these schools are well-known.

While some classes will be taught by external providers, credit for select courses will be awarded by Kamehameha Schools.

Available Courses

ONLINE KS Digital Online Courses are marked with a special “online” icon. **Students may take one summer online course (0.5 or 1.0 credit) with counselor approval.** Students should submit a course request during registration. Please review the eligibility criteria above before submitting a course request. Submitting a course request does not guarantee enrollment in a course. Counselors and the Digital Learning Office will review course requests. Students who have been approved will receive a confirmation email of enrollment. Separate paperwork will need to be submitted to KS by designated due dates to ensure all credits and grades earned in these courses are transferred to and recorded in the student’s official KS transcript.

ALL online courses require counselor and guardian approval for enrollment to be complete.

Summer 2023 Courses
<p><u>Arizona State University Prep Digital Courses (June 5 - August 4, 2023)</u></p> <ul style="list-style-type: none">• BioBeyond Part A & B (satisfies KHS Biology course)• Critical Chemistry A & B (satisfies KHS Chemistry course)• US History A & B (satisfies KHS US History course)• World History A & B (satisfies KHS World History course)• Health and Personal Wellness (satisfies KHS Personal Health course)
<p><u>Global Online Academy Courses (June 15 - August 2, 2023)</u></p> <ul style="list-style-type: none">• Cybersecurity (satisfies KHS elective)• Medical Problem Solving I (satisfies KHS science, 0.5 credit)

Full course descriptions and additional prerequisites can be found below.

Important Note for Social Studies: All students are limited to earning no more than 1.0 social studies graduation requirement credit during the course of three summers. For example, a student may take Hawaiian History (0.5 credit) and Economics (0.5 credit), or US History (1.0 credit), or World History (1.0 credit) in a summer. Administrative approval must be received prior to registering or taking credits beyond the 1.0 credit limit. If a student exceeds the 1.0 credit limit without prior administrative approval he/she will be required to repeat the course during the regular school year. The administration may approve exceptions to this policy for residential life students and for students who need to make up social studies credits during the summer.

Adding/Dropping a Course from an external partner

Students enrolled in a course from an external partner must adhere to the external partner “add/drop” dates. Please see the KSK HS Digital website at blogs.ksbe.edu/kskhsdigital/ for deadlines.

All schedule changes require administrative approval. Failure to adhere to add/drop deadlines may result in an “F” grade for the semester in the course that is dropped and an insufficient number of required credits for the year if space in an in-person course is unavailable. Students may be asked to attend summer school and may be prohibited from enrolling in additional online course offerings.

Non-Completion/Failure of a Course from an external partner

Students should do their best to pass all courses. Non-Completion of a course or an “F” grade in a course could result in the following consequences: an “F” on KSK high school transcript, impact to KSK graduation if failure is in a required course, ineligibility to retake the same course in an online setting, or impact of eligibility to enroll in future online courses.

If you have any questions about our KS digital online offerings or registration for these courses, please email Zandra Ah Choy-Agusen, our Digital Coordinator, at kskhsdigital@ksbe.edu or visit our KSK HS Digital website at blogs.ksbe.edu/kskhsdigital/.

SUMMER 2023 ONLINE COURSES

ONLINE Biology ONLINE (BioBeyond ASUPD)

1.0 credit for Science, Prerequisite: None. Open to students entering grades 9-12. [Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

This course allows students to learn about living organisms, including humans, and their interactions with each other and their surroundings. This includes investigations regarding the health of human beings, animals, organisms, and entire ecosystems. Students will learn how the advances in the study of biology impact society and each of us as individuals and, in turn, how we each have an impact on the organisms and environment around us. Ultimately and ideally, this will culminate in a newfound appreciation for the interdependence of life on Earth.

ONLINE Chemistry ONLINE (Critical Chemistry ASUPD)

1.0 credit for Science, Prerequisite: C or better in Algebra 1B and completion of Biology, Honors Biology or recommendation from prior science teacher. Open to students entering grades 10-12.

[Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

In this course, students will investigate the chemistry around them: in medicine they take, services they use, and the food they eat. Each of the key topics covered is brought together under the umbrella of geohealth: the study of human health in the context of ecology, environmental science, climate change, agriculture, waste and water management, and diseases. The course is taught through real world case studies, where students take on the role of a chemist working with a team of experts to investigate medical or environmental issues. In these case studies, students learn about topics like atomic structure, phases of matter, stoichiometry, and thermodynamics in scenario-based learning where they complete projects that require critical thinking, making and testing predictions, application, and synthesizing multiple concepts to succeed.

ONLINE U.S. History ONLINE (US History ASUPD)

1.0 credit for Social Studies, Prerequisite: None. Open to students entering grades 11-12. [Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

US History is the study of the events, people, and culture of the United States over time. In US History, Semester A, students will learn about the process of historical inquiry, review the events and principles behind the founding of the United States, and then apply historical inquiry to analyze societal issues, trends, and events from the Civil War through the rise of US imperialism. In US History, Semester B, students will apply historical inquiry to analyze societal issues, trends, and events of US history from World War I to the present, including the Cold War, Civil Rights and other social movements, the Vietnam War, modern presidencies, and responses to global terrorism. Throughout the course, students will explore timelines to gain an understanding of how events link to each other, analyze historical documents for a firsthand sense of how events unfolded, and gather evidence from relevant documents and historical texts in order to develop credible explanations of events in US history. Students will then use that evidence to evaluate change and continuity over time by writing essays and creating presentations about broad periods of historical development.

ONLINE World History ONLINE (World History ASUPD)

1.0 credit for Social Studies, Prerequisite: None. Open to students entering grades 10-12. [Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

In World History, Semester A, students will explore major historical events around the world. In the first unit, students will develop their historical thinking skills. In the second and third units, students will learn about the major religions and classical civilizations of several regions around the world. In the fourth unit, students will examine the origins and developments of European exploration. In the fifth unit, students will learn about the causes and effects of the Renaissance and the Reformation. In the sixth unit, students will explore revolutions that occurred from 1789 to 1848, including the Scientific Revolution, the American Revolution, and the French Revolution.

In World History, Semester B, you'll explore major historical events around the world. In the first unit, students will explore the causes and effects of the Industrial

Revolution, the spread of nationalism in Europe, and the Russian Revolution. In the second unit, students will analyze imperialism in the late nineteenth and early twentieth centuries and examine the causes and consequences of World War I. In the third unit, students will study World War II, analyzing the factors that started the war and the impact of the war. In the fourth unit, students will explore the rise and fall of communism in the Soviet Union and China and learn about the Cold War between the United States and the Soviet Union. In the fifth unit, students will analyze the effects of decolonization in Southeast Asia and Africa. Students will also study the modernization of China and the rise of nationalism in the Middle East. In the last unit, students will explore economic globalization and evaluate the benefits and challenges of living in the modern world.

ONLINE Personal Health ONLINE (Health and Personal Wellness ASUPD)

.5 credit for Personal Health, Prerequisite: None. Open to students entering grades 9-10. [Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

ONLINE Cybersecurity ONLINE (Cybersecurity GOA)

.5 elective credit, Prerequisite: None. Open to students entering grades 9-12. [Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

Cyber criminals leverage technology and human behavior to attack our online security. This course explores the fundamentals of and vulnerabilities in the design of computers, networks, and the internet. Course content includes the basics of computer components, connectivity, virtualization, and hardening. Students will learn about network design, Domain Name Services, and TCP/IP. They will understand switching, routing and access control for internet devices, and how denial of service, spoofing and flood attacks work. Basic programming introduced in

the course will inform hashing strategies, while an introduction to ciphers and cryptography will show how shared-key encryption works for HTTPS and TLS traffic. Students will also explore the fundamentals of data forensics and incident response protocols. The course includes analysis of current threats and best practice modeling for cyber defense, including password complexity, security, management, breach analysis, and hash cracking. Computational thinking and programming skills developed in this course will help students solve a variety of cybersecurity issues. There is no computer science prerequisite for this course, though students with some background will certainly find avenues to flex their knowledge.

ONLINE **Medical Problem Solving ONLINE (Medical Problem Solving I GOA)**

0.5 elective credit, Prerequisite: Biology. Open to students entering grades 10-12. [Students must complete KHS paperwork in order to be enrolled in this online course.](#)

NOTE: Dates and times TBD

In this course students collaboratively solve medical mystery cases, similar to the approach used in many medical schools. Students enhance their critical thinking skills as they examine data, draw conclusions, diagnose, and treat patients. Students use problem-solving techniques in order to understand and appreciate relevant medical/biological facts as they confront the principles and practices of medicine. Students explore anatomy and physiology pertaining to medical scenarios and gain an understanding of the disease process, demographics of disease, and pharmacology. Additional learning experiences include studying current issues in health and medicine, building a community-service action plan, interviewing a patient, and creating a new mystery case.

CHARACTER EDUCATION

Ka Pūnāwai Ola (spring water source of life) is Kamehameha High School's Character and Christian Education programs.

In alignment with the School's Vision and Christian Commitment Statement, *Ka Pūnāwai Ola*'s mission is to help students become spiritually grounded in Hawaiian and Christian values. As Pauahi exemplified in her lifetime, we believe culture and Christianity can co-exist in developing good character.

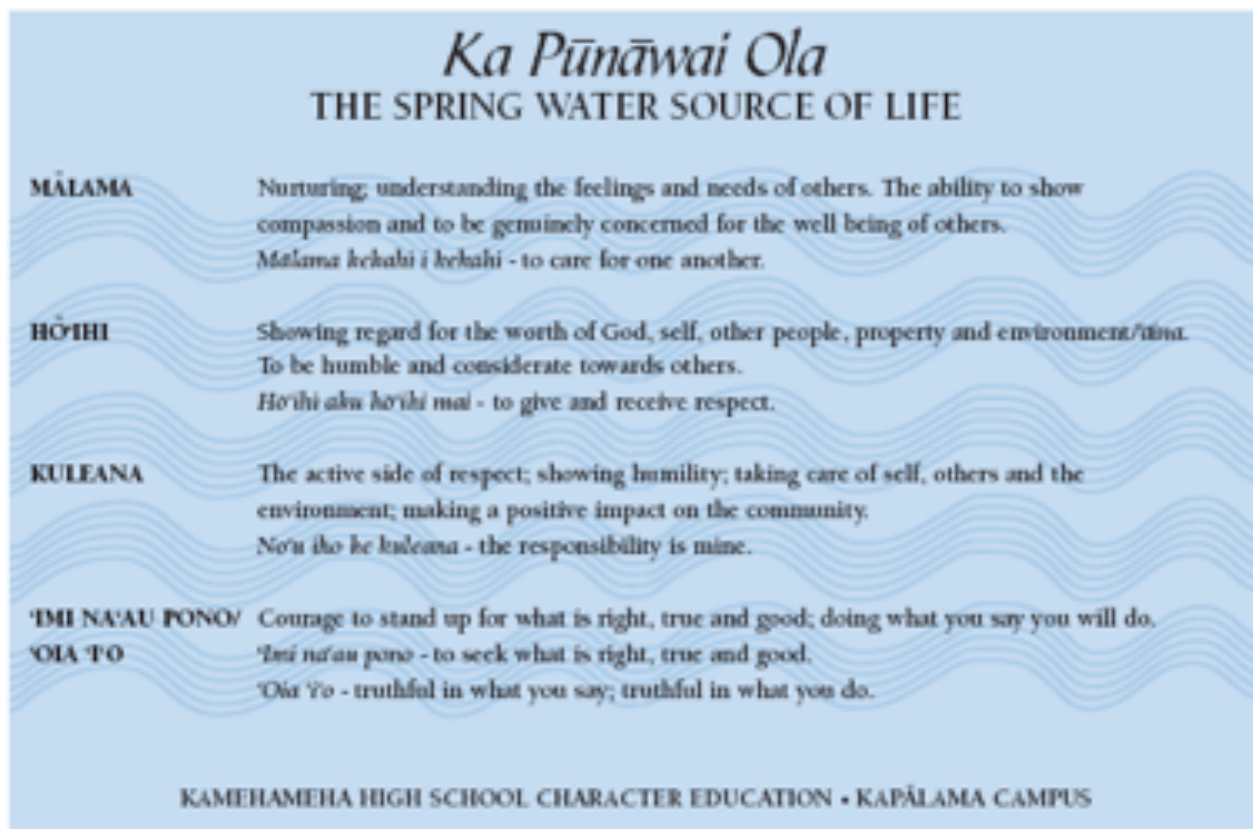


"First to be good, then to be industrious." This motto is the foundation of *Ka Pūnāwai Ola*'s Character Education program, which focuses on developing the whole child with two anchor events: "Kū Mauna" Freshman Orientation, which sets a strong foundation for all incoming freshmen, and "Senior Service Day," which culminates their character education experience with an opportunity to give back to the community.

Grade 9 – Kū Mauna – Kū Mauna (to stand firm on the mountain) is the gateway for students entering high school at Kapālama. This tailored orientation is designed to assist and to support all grade nine students in the transition from middle school to high school. Students are introduced to Hawaiian cultural concepts and core ethical values. Hands-on learning experiences familiarize the students with the high school campus and its daily operations and help to break down social barriers. Kū Mauna gives students a basis for understanding their freshman core ethical value of "mālama" (to care for one another). All freshmen are assigned a participation date before school begins. Kū Mauna is a mandatory activity for all freshmen. (See school calendar for summer dates.) Freshmen who miss this event will be required to participate in a make-up session held during the school year.

Grade 12 – Senior Service Day – Senior Service Day is an enriching opportunity for students to give back to their communities. Homeroom representatives work with the Character and Christian Education staff to brainstorm service-learning projects for their classmates. The completion of these projects is a celebration of unified efforts of the class to strive for what is right, true, and good.

Nā Waiwai (Hawaiian Core Ethical Values) – With Ke Akua (God) at the center of our moral compass, the following graphic depicts the kaona, or deeper meaning, of our Character and Christian Education programs as the figurative Pūnāwai Ola, or source of life-giving water, that flows through every haumāna at Kamehameha High School: Grade 9 – Mālama; Grade 10 – Hō‘ihi; Grade 11 – Kuleana; and Grade 12 – Pono.



These Hawaiian Core Ethical Values serve as the guiding principles for supporting haumāna in the development of personal character and servant leadership. These attributes are intended to align with growth and development during the high school years.

For more information about Ka Pūnāwai Ola, please contact Kale Kau‘i, Character and Christian Education department head at (808) 842-8498 or email dokau@ksbe.edu.

REGISTRATION FOR COURSES

Students meet with homeroom teachers, counselors, and administrators mid-year to develop and refine their four-year academic plan and to select and register for courses for the following school year. Parents are highly encouraged to talk about course selection, their four-year plan, and registration with your child throughout the process. Counselors will review the overall registration process in guidance classes.

Student choices are used to complete a master schedule of course offerings for the next school year. Every effort is made to meet student requests. Generally, all schedule changes must be processed before the end of the first week of each semester. All changes require administrative approval. See your grade level counselor if you have any questions about this.

Requests to drop classes after the first week of the semester will be considered on an individual basis. Consequences may include receiving an "F" grade for the semester in the course that is dropped. Students may be asked to attend summer school.

PREPARING FOR COLLEGE

(The following information is adapted from a college preparation brochure prepared by David Robb, Policy & Programs Office of the University of Hawai'i, and is used with his permission.)

To prepare for college, there are several things you should do:

- ◆ Develop strong skills in reading, writing, speaking, and math
- ◆ Take courses that will challenge your abilities
- ◆ Develop good study habits
- ◆ Learn how to take well-organized notes
- ◆ Participate in extracurricular activities
- ◆ Learn how to self-manage (time, resources)
- ◆ Grow your mindset

Each college or university has its own admission requirements regarding high school preparation, so you should consult their websites for specific information regarding the minimum years of high school preparation in academic core subjects and the academic profile of admitted students. College websites are easily accessed through Naviance. A list of useful college planning websites is also available on our high school counseling webpage at: kapalama.ksbe.edu/high/counseling.

COURSE DESCRIPTIONS

NOTE TO STUDENTS:

To assist you with the registration process, course numbers and other information needed are provided along with the course descriptions:

- ◆ Course numbers start with KH followed by five-digit numbers next to the course titles



- ◆ This icon is used to identify core courses currently listed on the NCAA "Approved List of Courses." (as of 12/2022)



- ◆ Courses that are “dual credit eligible” are marked with a special icon

NEW!

- ◆ Courses being offered for the first time are noted



- ◆ Courses that are designated “Online” may be KS Kumu led or taught via external vendors such as Arizona State Prep Digital, Global Online Academy, or Flexpoint. These courses are asynchronous and may require additional paperwork.

For some courses, you must list an alternate course in case your first choice course fills up. This is indicated by “ALT.” The grade levels that must choose an alternate course are listed.

CHRISTIAN EDUCATION

The Christian Education Department, a part of the High School's Ka Pūnāwai Ola Programs, provides a foundation for haumāna to grow spiritually in Christ with an engaging curriculum that embraces a blend of Biblical wisdom and Hawaiian values.

In her Will, Pauahi desired haumāna to receive “instruction in morals and in such useful knowledge as may tend to make good and industrious men and women.” Ka Pūnāwai Ola's programs ensure that our Founder's wishes of sound moral development reach all high school learners while respecting the diverse beliefs, traditions, and faiths of our school community.

Graduation Requirement Changes effective SY2022-23

- **Students from the Classes of 2024, and 2025 will no longer be required to take Ekalesia for the remainder of high school if they have successfully fulfilled their one quarter non-credit graduation requirement during SY 2021-22.** Any repeats will be addressed accordingly with Counselors and the Christian Education Department Head.

IMPORTANT: Beginning with the Class of 2026, a 0.5 credit in Christian Education will be required to graduate and can be taken any semester from grades 9-12.

GR. 9-12 PROGRAM

Note: placement priority may be given to Freshmen (Class of 2027)
Classes of '24 & '25 may register for any of the courses below for elective credit (space permitting).

Hawaiian Ali'i & Christianity [KH08520]

Semester, Prerequisite: None

This course will examine the intersection of faith and culture in the lives of our kūpuna including a study of various Me'e (hero/heroines) and the role of Christianity in Hawai'i's History. We will consider the perspectives of our Ali'i and the personal impact of Ke Akua Mana Loa in their lives. The course is organized around several Me'e & Ali'i such as 'Ōpukaha'ia, Keōpūolani, and Ke Ali'i Pauahi. In small weekly discussion groups, students engage in historical writings, artifacts, narratives and cultural practices of various Me'e. This course will provide students with a greater passion for aloha 'āina (love for the land) and a strong kahua (foundation) of 'ike kūpuna (ancestral wisdom). Students will strengthen their Native Hawaiian identity by analyzing mo'olelo (stories) of kūpono (good character) and alaka'i lawelawe (servant leadership) in our history.

Mo'olelo Baibala: Stories of the Bible [KH08521]

Semester, Prerequisite: None

Mo'olelo Baibala reveals a record of Ke Akua's redemptive acts in stories throughout the Bible and an introduction to the nature of Ke Akua's intervention in various narratives. It presents a collection of inspirational mo'olelo that will encourage haumāna to consider perspectives of faith. This course is organized around stories of God's intervention in classic mo'olelo such as Abraham & Isaac, Esther before the King, Ezekiel in the valley of dry bones, and the many works of Jesus. Mo'olelo Baibala will strengthen Native Hawaiian identity by analyzing historical text in the Baibala and affirming how values of strength, kūpono (good character), and mana'o'i'o (faith) can help haumāna to be resilient influential 'ōiwi leaders.

'Ōiwi Leadership Development: Service Above Self [KH08524]

Semester, Prerequisite: None. May be repeated.

This empowering course, intended for learners of all leadership levels (from no experience to advanced), inspires students to become 'ōiwi leaders modeled after the lives of Iesū Kristo and Ke Ali'i Pauahi. Students will learn about key principles of servant leadership and be challenged to examine their own philosophies through a "kūlia i ka nu'u" growth mindset. Additionally, a student-driven service-learning project will drive relevant and meaningful connections to the course material. Through engaging group discussions, personal reflective experiences, and leadership development activities/projects, haumāna will gain firsthand knowledge of how to navigate this complex world with "servant hearts" that embody E Ola! Hawaiian and Christian lāhui values of 'ike kūpuna (ancestral wisdom) and kūpono (good character).

The Life and Ministry of Jesus [KH08522]

Semester, Prerequisite: None

This course covers the life, ministry, and teachings of Iesū Kristo as presented in the Four Gospels. The course focuses on providing an interpretation of key events and their practical application. The semester will include topics such as the Kingdom of God, the Law, and the Cost of Discipleship. Students will examine evidence for the literal body resurrection of Jesus and explore its historical and theological importance. The life of Iesū will strengthen lāhui values such as kūpono (good character) and aloha (love).

ENGLISH

<http://blogs.ksbe.edu/khsenglish/>

The English program at Kamehameha Schools—Kapālama High School focuses on the growth, development, and refinement of critical analysis, higher-order thinking, and writing skills within the context of Hawaiian and Global literature. Written mo‘olelo (stories) offer opportunities for students to discover, explore, and define their personal identity through the storytelling of Native Hawaiian authors as well as authors throughout the world. Students also sharpen their written communication skills by crafting essays for varied academic/creative purposes to diverse audiences. Our four-year program focuses on fortifying foundational reading, writing, and thinking skills in grades 9 and 10 and refining ELA skills through multiple application opportunities in grades 11 and 12.

Our department also offers honors-level courses for both our traditional and HPWL track along with AP Language and Composition at grade 11 and at grade 12, AP Literature and Composition (canonical), and AP Literature and Composition: Comparative (HPWL). Our honors/AP programs ask students to stretch even further than our current rigorous curriculum. As guidance, and to help ensure success, a recommendation to the Honors/AP program will be issued by current English kumu, certifying that the recommended haumāna possesses the required writing and critical thinking skills, as well as, work ethic needed. If a recommendation to honors/AP is not given, the student may remain in the regular program or they may petition to enter through our waiver process.

Courses designated “**Hawaiian Pacific World Literature**” (HPWL) utilize more Hawaiian literature as well as a Hawaiian worldview in a comparative approach to canonical Western texts.

Many English courses require the purchase of books available at the school store. The cost of these books varies considerably, and in most instances, individual books do not exceed \$20.00.

For more information on English courses or **SUMMER READING expectations**, please check our department blog at: <http://blogs.ksbe.edu/khsenglish/>.

Waiver Process:

Our department believes that students who possess a strong work ethic but may need more assistance with their ELA skills should have an opportunity to enroll in honors or Advanced Placement classes. Our waiver process provides students additional guidance to make **an informed decision**.

The protocol requires several conversations, beginning with...

- their grade level counselor
- their current English kumu
- next year's honors/AP kumu
- their parents/guardians

This process garners the commitment of, at minimum, four adults willing to stand alongside the haumāna.

If so desired, students should see their counselors in order to begin the waiver process.

GRADES 9-12 REQUIREMENTS

All students must complete eight semesters (four credits) of English - two in grades 9 and 10; two in grades 11 and 12. All students are expected to enroll in an English course each semester.

GRADE 9 PROGRAM



English 9 [KH02133]

Year, Prerequisite: English 8

Reading assignments are college preparatory and include literature that features significant characters from a variety of local, regional, and world perspectives written by authors of Hawaiian and Non-Hawaiian ancestry. Assignments integrate research, analysis, reading, vocabulary building, writing and grammar skills, discussion, and creative writing as well as dramatic and artistic expression. Reading selections may include full novels and plays as well as nonfiction articles, short stories, and poetry. Students will employ their creative, analytical, and research skills in various compositions, with special emphasis on the essay of classification and the essay of illustration. All students enrolled in English 9 will be required to read ONE novel from a grade 9/10 list during the summer prior to entering the class.



English 9: Focus on Hawaiian, Pacific and World Literature [KH02148]

Year, Prerequisite: English 8

Reading assignments are college preparatory and include literature that features significant characters from a variety of local, regional, and world perspectives written by authors of Hawaiian and Non-Hawaiian ancestry. Assignments integrate research, analysis, reading, vocabulary building, writing and grammar skills, discussion, and creative writing as well as dramatic and artistic expression. Reading selections may include full novels and plays as well as nonfiction articles, short stories, and poetry. All students enrolled in English 9: Focus on Hawaiian, Pacific and World Literature will be required to read ONE novel from a grade 9/10 list during the summer prior to entering the class.



Honors English 9 [KH02145]

Year, Prerequisite: Recommendation of Grade 8 English teacher.

Meant for students of high ability and motivation, this honors course stresses the refinement of communication skills and their intense application to the study of world literature written by Hawaiian and non-Hawaiian authors. Students are expected to enter the course with the creative and interpretive background necessary to appreciate these sophisticated selections. Students will analyze the novel, drama, epic, poetry, and nonfiction. Students will demonstrate writing fluency in expressive and transactional assignments generated through literature and will draw upon their analytical, creative, and research skills. Through literature and composition, students will also expand their vocabulary and improve their basic grammar skills. All students enrolled in Honors English 9 will be required to read from a specified list during the summer prior to entering the class. Enrollment is limited.



Honors English 9: Focus on Hawaiian, Pacific and World Literature [KH02150]

Year, Prerequisite: Recommendation of Grade 8 English teacher.

This course offers diligent students of high ability a rigorous comparative literature program that builds a strong foundation upon which Hawaiian literature is juxtaposed with regional (Pacific Islands) and world literature written by authors of Hawaiian and Non-Hawaiian ancestry. Students deepen their understanding and appreciation of 'Ike Hawai'i by comprehensively engaging in the analysis of fiction, non-fiction, poetry, drama, and the arts produced by indigenous and non-indigenous authors, composers, poets, artists, and musicians. College preparatory skills are emphasized, including independent thinking and research, intensive analytical

writing and reading, vocabulary building, review and application of grammar skills, inquiry, and discussion. All students enrolled in Honors English 9: Focus on Hawaiian, Pacific, and World Literature will be required to read from a specified list during the summer prior to entering this class. Enrollment is limited.

GRADE 10 PROGRAM



English 10 [KH02137]

Year, Prerequisite: English 9

Traditional and contemporary poetry, fiction, non-fiction, and essays produced by renowned authors and composers of Hawaiian and non-Hawaiian ancestry will be studied. Students will learn to apply appropriate literary terms to their analyses of novels, short stories, essays, poems, and drama. In composition, students will continue to improve their writing skills through many types of assignments, including personal narratives, the persuasive essay, the cause-effect essay, and literature-based analyses. Students will continue to enrich their vocabulary and will continue to strengthen basic grammar skills. In preparation for the PSAT, students will preview the test format and practice strategies for success on the verbal section of this test, required for all sophomores. All students enrolled in English 10 will be required to read ONE novel from a 9/10 list during the summer prior to entering the class.



English 10: Focus on Hawaiian, Pacific, and World Literature [KH02336]

Year, Prerequisite: English 9

Traditional and contemporary poetry, fiction, non-fiction, and essays produced by renowned authors and composers of Hawaiian and non-Hawaiian ancestry will be studied. Integration of 'Ike Hawai'i is emphasized in this comparative literature curriculum and literary analyses will include a variety of local, regional (Pacific Islands), and world perspectives. Self-expression through poetry, music, art, drama, fiction and non-fiction is emphasized. Students will write a variety of essays, including the personal narrative, and the persuasive essay, and they will continue literature-based analyses. Students will enrich their vocabulary and will continue to strengthen basic grammar skills. Students will prepare for the PSAT exam. All students enrolled in English 10: Focus on Hawaiian, Pacific and World Literature will be required to read ONE novel from a 9/10 list during the summer prior to entering the class.



Honors English 10 [KH02149]

Year, Prerequisite: Recommendation of Grade 9 English teacher.

Meant for students of high ability and motivation, Honors English 10 shares the goals of the English 10 course at an elevated level of rigor. Students will have the opportunity to analyze literature requiring sophisticated interpretation, to practice varied types of writing, and to study grammar and vocabulary in more depth. Works studied focus on authors from around the world—both Hawaiian and non-Hawaiian—who write in a variety of genres. Students will prepare for future honors English 11 classes, PSAT and SAT exams, practice varied types of writing, and study grammar and vocabulary in greater depth. All students enrolled in Honors English 10 will be required to read from a challenging list of recommended works during the summer prior to entering the class. Enrollment is limited.



Honors English 10: Focus on Hawaiian, Pacific and World Literature [KH02337]

Year, Prerequisite: Recommendation of Grade 9 English teacher.

This course offers diligent students of high ability a unique comparative literature program that builds a strong foundation upon which traditional and contemporary Hawaiian literature is juxtaposed with regional (Pacific Islands) and world literature written by authors of Hawaiian and Non-Hawaiian ancestry. Students deepen their understanding and appreciation of ‘Ike Hawai‘i by comprehensively engaging in a deeper and more sophisticated analysis of fiction, non-fiction, poetry, drama and the arts produced by indigenous and non-indigenous authors, composers, poets, artists and musicians. Self-expression through poetry, music, art, drama, fiction and non-fiction is also emphasized. Students will prepare for future honors English 11 classes, PSAT and SAT exams, and practice varied types of writing as well as study grammar and vocabulary in greater depth. All students enrolled in Honors English 10: Focus on Hawaiian, Pacific and World Literature will be required to read from a challenging list during the summer prior to entering this class. Enrollment is limited.



NEW! AP Seminar (English 10) [KH02369]

Year, Prerequisite: Recommendation of Grade 9 English teacher.

An English course taught in the AP Seminar style, AP Seminar (English 10) helps students build foundational writing, collaboration, research and presentation skills for future success in high school, college, and career. AP Seminar helps a wide range of students develop critical thinking, analytic writing, collaboration, and academic research skills on topics of the teacher’s and student’s choice.

GRADE 11 PROGRAM



English 11 [KH02138]

Year, Prerequisite: English 10

Students will investigate and interact with literature to further develop their critical thinking and reading skills. They will explore their identity and recognize their responsibility to their community and the larger collective. This process will enable them to transform their knowledge to better navigate their future and continue as agents of positive change.

They will be asked to seek and apply knowledge in an ethical fashion, and improve writing skills through formal and informal writing, including a college essay, literary analysis essay, and a research synthesis essay. Students will improve writing through control of language and utilize editing strategies in order to produce polished pieces for an academic audience. The skills taught in English 11 will help students on standardized tests such as the SAT and ACT.

Readings may include selected plays, novels, non-fiction, short stories, poetry, and works from Hawai'i and throughout the world. All students enrolled in English 11 will be required to read during the summer prior to entering the class. Students may be expected to purchase books for required reading.

With a fundamental belief in student choice, various perspectives and pathways will be offered for students to acquire the above-outlined skills.



English 11: Focus on Hawaiian, Pacific and American Literature [KH02338]

Year, Prerequisite: English 10

Students will investigate and interact with literature to further develop their critical thinking and reading skills. They will explore their identity and recognize their responsibility to their community and the larger collective. This process will enable them to transform their knowledge to better navigate their future and continue as agents of positive change.

By using Hawaiian and Pacific literature in comparison to literature outside of Hawaii students will further expand their appreciation and understanding of world literature and 'Ike Hawai'i. They will be asked to seek and apply knowledge in an ethical fashion, and improve writing skills through formal and informal writing, including a

college essay, literary analysis essay, and a research synthesis essay. Students will improve writing through control of language and utilize editing strategies in order to produce polished pieces for an academic audience. The skills taught in English 11 HPL will help students on standardized tests such as the SAT and ACT.

Readings may include selected plays, novels, non-fiction, short stories, poetry, and literature written by Hawaiian and other Indigenous authors throughout the world. All students enrolled in English 11 HPL will be required to read during the summer prior to entering the class. Students may be expected to purchase books for required reading. With a fundamental belief in student choice, various perspectives and pathways will be offered for students to acquire the above-outlined skills.



Honors English 11 [KH02344]

Year, Prerequisite: Recommendation of Grade 10 English teacher.

This course is designed to give students of high ability and motivation the opportunity to strengthen their skills in reading, writing and critical thinking. Students will come away with a deeper understanding of their world (local, national, and international) and the pressing issues humans face, and an awareness of their civic responsibility to improve their lives and the lives of others. Units of inquiry include Justice and Injustice, Resistance and Activism, Health and Environment, Leadership and Government, among others. Preparing students for college writing is emphasized: students will develop their writing skills by focusing on the analysis essay, the personal narrative, and the essay of argumentation. Research, documentation, and citation skills will also be covered. The course will help students apply their skills and knowledge on standardized testing such as the PSAT, required for all juniors. All students enrolled will be required to read from a specified list during the summer prior to entering the course.



Honors English 11: Focus on Hawaiian, Pacific and American Literature [KH02339]

Year, Prerequisite: Recommendation of Grade 10 English teacher.

Designed for highly motivated and skilled students, this course will focus on the philosophical and political motivation of authors through a rigorous comparative literature curriculum. Students will deepen and strengthen their understanding of 'Ike Hawai'i as well as their analytical skills as they focus on the motivation behind the writings. Students are expected to enter the course with the creative and interpretative background necessary to appreciate the sophisticated analysis of challenging literary pieces. Students will express their interpretation through

complex, analytical, and well researched/properly formatted writing assignments. Through literature and composition, students will also expand their vocabulary and improve their grammar skills. The course will help students apply their skills and knowledge in standardized testing such as the PSAT, required for all juniors. All students enrolled will be required to read from a specified list during the summer prior to entering the course.



Advanced Placement: Language and Composition [KH02343]

Year, Prerequisite: Recommendation of Grade 10 English teacher.

In this course, juniors of high ability and motivation will study the tools that writers use to communicate effectively. This is the study of rhetoric. They will engage in critical thinking and writing, analyzing language to understand the authors' intent and purpose. The course emphasizes the mastery of various essay forms: the essay of rhetorical analysis, the argumentative essay, the synthesis essay, the comparison/contrast essay, and the college application essay. Students will have the opportunity to practice timed writing essays in class and to evaluate their own essays and those of others. This course also emphasizes the students' growth in becoming better-informed citizens through the research and study of issues of contemporary local, national, and international significance. The literature studied in this course is primarily non-fiction of various periods and styles, and literary study is primarily rhetorical but also includes previously learned concepts such as character development and theme. Both small group and full class discussions are frequent. Students who choose to register for AP English Language and Composition are required to take the AP English Language and Composition Exam*. All students enrolled in AP English will be required to read a selected work during the summer prior to entering the class.

Note: Enrollment is limited to those who appear to be best qualified to do advanced placement work. In selecting students the department may consider:

- ◆ Courses students have previously taken
- ◆ Grades earned in English courses
- ◆ Recommendations of previous teachers

AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.

GRADE 12 PROGRAM

Grade 12 students are required to take English **both semesters** but may choose the courses to fulfill the requirement. The Grade 12 elective courses continue to emphasize fundamentals of English, within areas of particular interest or need for students. For both AP English courses and Fiction writing, a recommendation from current English 11 teachers is required. All other electives should be chosen for topic interest. Students are encouraged to read the course descriptions carefully. All Grade 12 students are required to read at least ONE book of choice for summer reading.

The offering of the following courses depends on sufficient student interest as expressed through registration:

<ul style="list-style-type: none">• AP Literature & Composition• AP Literature & Composition (Comparative)• Bible as Literature• Dystopian Literature• Fiction Writing• Literature of Hawai'i• Literary Fantasy• Literature & Film• Literature of Competition• Literature of the Pacific DC	<ul style="list-style-type: none">• Modern Shakespeare Experience• Multicultural Literature Online• Mythology in Literature• Psychological Story• Research & Writing DC• Sci-Fi: Science or Fiction?• Writing for College• Writing for College DC• Writing for College Online• World Poetry Seminar
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Advanced Placement: Literature and Composition [KH02342]

Year, Prerequisite: Recommendation of Grade 11 English teacher.

Students of high ability and interest will be given an opportunity to prepare themselves for the Advanced Placement Exam. Those who achieve successful results may obtain college credit or be placed in advanced courses in college. Through an intensive study of a wide variety of works, students will become familiar with established classics of literature from earlier periods as well as major works by contemporary authors. They will widen their knowledge of various literary forms: drama, novel, poetry, and essay. They will further develop their ability to analyze such works and to present their analyses both orally and in writing. Through essay tests and practice AP drills, they will acquire more facilities in organizing and expressing ideas under the pressure of time. Their vocabularies will be strengthened by the study of words drawn from context and by the discussion of

literary terms. Students who choose to register for AP English Literature and Composition will be required to take the AP English Literature and Composition Exam. All students enrolled in AP English will be required to read a selected work during the summer prior to entering the class.

Note: Enrollment is limited to those who appear to be best qualified to do advanced placement work. In selecting students the department may consider:

- ◆ Courses students have previously taken
- ◆ Grades earned in English courses
- ◆ Recommendations of previous teachers

AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



Advanced Placement: Literature & Composition (Comparative) [KH02341]

Year, Prerequisite: Recommendation of Grade 11 English teacher.

In this course, students of high ability and diligence will pursue a rigorous comparative literature program that focuses on Hawaiian literature juxtaposed with regional (Pacific Islands) and world literature. Students will deepen their understanding and appreciation of 'Ike Hawai'i and world literature by comprehensively engaging in the analysis of fiction, non-fiction, poetry, drama, and the arts produced by indigenous and non-indigenous authors and composers. College preparatory skills are emphasized, including independent thinking and research, intensive analytical writing and reading, vocabulary building, review and application of grammar skills, inquiry, and discussion. Through essay tests and practice AP drills, they will acquire more facilities in organizing and expressing ideas under the pressure of time. Students who choose to register for AP English Literature and Composition: Comparative will be required to take the AP English Literature and Composition Exam*. All students enrolled in AP English: Comparative will be required to read selected literary works during the summer prior to entering the class.

Note: Enrollment is limited to those who appear to be best qualified to do advanced placement work. In selecting students the department may consider:

- ◆ Courses students have previously taken
- ◆ Grades earned in English courses
- ◆ Recommendations of previous teachers

AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



Bible as Literature [KH02345 (Alt 12)]

Semester, Prerequisite: None

In this course, students will gain a greater knowledge of the major events of biblical history as well as the stories of the Old and New Testament. In particular, students will analyze the stories of creation, the flood, the plagues of Egypt, the conquest of Canaan, etc. and study the lives of famous Hebrew leaders, such as Abraham, Moses, Samson, and King David. Students will also learn the different literary forms and techniques used by Old Testament writers such as foreshadowing, poetic justice, hidden plots, and messianic symbols. Lastly, students will be able to recognize biblical references found in many fiction and non-fiction works and connect current international events to Old Testament sources and prophecies.

Students will also study the life events, teachings, and miracles of Jesus as illustrated in the Gospels. By applying critical thinking skills as they analyze the various epistles, students will gain valuable insight into Biblical principles and truths as well as how they apply to modern society today. Students will also read and interpret different literary forms unique to the New Testament such as parables, beatitudes, and allegories. Lastly, the course will culminate in an in-depth analysis of the symbolism and prophecies found in the book of Revelation. Enrichment activities include films, guest speakers, group projects, and creative workshops.



Dystopian Literature [KH02356 (Alt 12)]

Semester, Prerequisite: None

This course studies the development of utopias and dystopias in historical and literary thought. The course will look at the changing schools of thought around human nature and the roles and impacts of social structures. Particular attention will be paid to the role of government in forming a “perfect civilization.” We will also look at how dystopias are created by authors to critique or highlight cultural concerns of their time periods.



Fiction Writing [KH02334 (Alt 12)]

Semester, Prerequisite: Recommendation of current English teacher.

This class will provide students with time and support to create their own fiction. Students will read an array of stories and write their own stories for homework and during class workshop time. These works will be shared and critiqued in small groups. Each student will revise these stories into publishable texts and submit at least one polished draft to a class anthology. Students may revise pieces for a

possible novella, or turn several pieces into a Chap Book (a personal anthology). In addition, they are required to submit to local or national writing contests for possible publication.

REQUIRED PURCHASE: Novels and/or writing journals, approximately \$15.00.



Literary Fantasy [KH02348 (Alt 12)]

Semester, Prerequisite: None

This course will help students expand their literary understanding of fantasy novels, which are often read purely for pleasure. While studying text, students will analyze the genre and the theories behind the fantasy. Specifically, students will examine the history of fantasy and its roots in frontier literature, as well as the use of magical realism as a genre. Students will be assigned a number of novels that they will discuss, analyze, interpret, and digest. They will also expand upon all of the skills learned thus far in their course studies, as well as master techniques associated with the study of fiction and fantasy. Students required to purchase novels; an approximate cost of \$45.00.

Literature and Film: A Contrast in Styles [KH02354 (Alt 12)]

Semester, Prerequisite: None

James Patterson tells a great story about how he was watching the screening of *Along Came a Spider* with Morgan Freeman, and Freeman leaned over to him and said his favorite character was Alex Cross' sister. To which Patterson replied, "thank you," and then laughed to himself because Alex Cross doesn't have a sister in the novel. This course will examine the relationship between novels and films that are adapted from them. The course will also look at the historical and cultural aspects of adaptation. Students will strengthen their reading and analyzing skills by comparing the written story with the film version. They will also make their own adaptation of a novel using storyboards and scriptwriting.



Literature of Competition [KH02167 (Alt 12)]

Semester, Prerequisite: None

This course involves the reading and study of novels, autobiographies/biographies, short stories, essays, and other non-fiction related to competition and all major sports of interest to the young people of Hawai'i. The course also requires extensive expository and creative writing, as well as one major project. The project may include teamwork as students research some aspect of competition and/or

sports literature. Emphasis also is placed on the elimination of grammar and usage errors, clarity and conciseness of expression, and research into various sports and competitions. Through the use of a variety of types of literature, the students will further develop their analytical reading and critical thinking skills as they explore competition in today's society.

REQUIRED PURCHASE: The students are required to purchase novels, biographies or autobiographies at a cost of approximately \$15.00.



Literature of Hawai'i [KH02361 (Alt 12)]

Semester, Prerequisite: None

Haumāna enrolled in this course will deepen their understanding and appreciation of Hawaiian literature through the analysis of fiction, non-fiction, poetry, drama, and short stories written predominately by kanaka maoli. Additionally, students will write an analytical, persuasive, and synthesis essay as well as original mele and poetry.



Literature of the Pacific DC [KH02311 (Alt 12)] - ENGL1101, Hawai'i Pacific University



Semester, Prerequisite: None

Students enrolled in this College level Dual Credit course will read, interpret, create, discuss, analyze literature of the Pacific as well as add to Pacific literature through their own writing. They will expand their vocabulary, refine writing, thinking and oral skills, as well as develop a deeper understanding and appreciation of the vast cultural and historical resources found within the Pacific Islands.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course.

Fulfills AA Distribution Requirement: Hawai'i and the Pacific



Modern Shakespeare Experience [KH02147 (Alt 12)]

Semester, Prerequisite: None

Shakespeare's influence is everywhere, from movies to television shows to novels to pop culture and beyond. Take the journey through the plays of The Bard as we study his works and their influence on the modern world. Our kupuna knew the value of Shakespeare as his plays were some of the first English writings that were

translated into Hawaiian. Let us continue the tradition started by our ancestors and embrace the teachings of this amazing writer.

REQUIRED PURCHASE: Students will be required to purchase copies of various Shakespeare plays.



NEW! Multicultural Literature Online [KH02368 (Alt 10, 11, 12)]

ONLINE

Fall semester, Prerequisites: 1) Must be enrolled in Europe Huaka'i in order to enroll in this course; 2) paid in full by the first week of August 2023; and 3) Current and active member of Ambassadors of Aloha 'Āina club.

Preference will be given to Seniors. If you are a Senior, this course will meet the Senior English graduation requirement. Course is an elective for grades 10 & 11. May not be repeated. **This is an asynchronous course.**

Haumāna enrolled in this course will study the diplomatic travels of Hawaiian ali'i and the journeys of the young Hawaiians in Kalākaua's Study Abroad Program. Students will read through diary entries, newspaper articles, and archival research. Haumāna will have an opportunity to analyze the influence that these travels have had on Hawaiian culture and literature. **Those enrolled in the course should also be registered for the 10-day culminating international huaka'i (trip) in fall 2023.** Prior to traveling, haumāna will learn proper protocol and oli, historical events and places as well as complete a literary analysis, research paper, and presentations. Journals and video diaries will be required during the huaka'i. A culminating essay and presentation will be required after huaka'i.

Estimated cost of travel: approximately \$4800 (subject to change)

Tentative travel schedule: October 2023 (fall break)

REQUIRED: Must have a US Passport valid through six months beyond travel date



Mythology in Literature [KH02172 (Alt 12)]

Semester, Prerequisite: None

Students who study Mythology in Literature will learn to recognize mythological references in newspapers and magazines and add words and phrases derived from mythological figures to their vocabularies. They will also reinforce previously acquired writing skills in specific composition assignments, such as the comparison and contrast of myths from a variety of cultures and a character study of the epic hero. In addition, they will use critical thinking skills to interpret thematic and symbolic concepts in the mythologies, as well as to apply these same concepts to modern experience and psychological theories.



Psychological Story [KH02175 (Alt 12)]

Semester, Prerequisite: None

This course explores the role of the unconscious as it relates to literature. In particular, it focuses on analyzing human behavior and motivation as they are portrayed in short stories. Students therefore will use a combination of psychological and literary techniques to gain a more unique understanding of fiction. Students will study how literary characters struggle with unconscious conflicts, authority figures and relationships, and as a result, will also gain personal insight into their own lives as teenagers. Topics will cover such areas as psychoanalyzing characters, identifying universal symbols, and interpreting dream symbols found in literature today. Enrichment activities include games/simulations, creative group projects, and films.



Sci-Fi: Science or Fiction? [KH02353 (Alt 12)]

Semester, Prerequisite: None

If you could genetically engineer the perfect child, would you do it? Would it still be human? Should clones read Shakespeare? Should we fear the singularity, or is it just evolution? This course focuses on how scientific research and thought has been used to fuel fiction, as well as how science fiction has contributed to innovations in science. Science Fiction invents new ideas in scientific thought by going beyond what is currently possible, exploring the realm of fiction. Science Fiction also asks what is humanity in the face of new technology, like cloning, space/time travel, and more. Students would use their creative writing, research, and analytical skills to turn contemporary scientific research into their own sci-fi narratives.



World Poetry Seminar [KH02335 (Alt 12)]

Semester, Prerequisite: None

This course introduces students to a variety of poetry composed in Hawai'i, the Pacific, and the world; past and present. Students will be exposed to the vibrant and roiling world of poetry from the indigenous and regional to the national and the global. We will learn about poetry from the experimental and contemporary to traditional literature. Students will learn to better understand and appreciate poetry by immersing themselves in its world and exploring poetry's shape shifting genres, various world poetry movements as well as some of its most precious traditions. Students will read published poetry from various sources and write their own poetry for homework and during class writing days. After some initial exercises with formal

poetry elements, there will be weekly poetry assignments. Students may use prompts and free writing from their poetry journal or negotiate a longer project with the instructor. Students will read, interpret, and create their own poetry, get written and oral evaluations from their peers and teacher, and eventually publish their work in a class anthology and in their own poetry collections. Students will also keep poetry journals for reflection and final assessment.

REQUIRED PURCHASE: Students will be required to purchase a poetry collection and/or a writing journal, approximately \$15.00.



Writing for College [KH02325]

Semester, Prerequisite: None

Students in Writing for College will learn techniques they may apply in college writing situations. By reading model essays and writing their own drafts, students will acquire (or reinforce) general knowledge of techniques for writing such types of essays as argumentation, classification, analysis, process, and comparison-contrast, and will apply these techniques in their essays. Furthermore, students will apply their knowledge in analyzing and evaluating the work of others in the class. Students will comprehend the necessity of writing for a specific audience for a specific purpose; they will also practice their newly learned skills in their own writing.



Writing for College DC [KH02362 (Alt 12)] - WRI 1100, Hawai'i Pacific University (Fall Semester Only)

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered for the non-DC course.

Students will need to take a placement test in spring of their junior year to be eligible to take this course.

Fulfills AA Distribution Requirement: Written Communication & Information Literacy I



NEW! Writing for College Online [KH02367]

Semester, Prerequisite: None. **This is an asynchronous course.**



Students in Writing for College will learn techniques they may apply in college writing situations. By reading model essays and writing their own drafts, students will acquire (or reinforce) general knowledge of techniques for writing such types of essays as argumentation, classification, analysis, process, and comparison-

contrast, and will apply these techniques in their essays. Furthermore, students will apply their knowledge in analyzing and evaluating the work of others in the class. Students will comprehend the necessity of writing for a specific audience for a specific purpose; they will also practice their newly learned skills in their own writing.



Research & Writing DC [KH02365] - WRI 1200, Hawai'i Pacific University (Spring Semester only)



Semester, Prerequisite: Writing for College DC.

WRI 1200 continues WRI 1100's focus on writing. This course will delve deeper into research, integrating, synthesizing and attributing research as well as the art of argumentation. Students will write a research paper synthesizing information from a variety of evaluated sources to support a logical and organized argument. In addition students will accurately credit sources following the latest MLA and APA guidelines. **Students will need to successfully pass Writing for College DC in Fall Semester to enroll in this course.**

Fulfills AA Distribution Requirement: Written Communication & Information Literacy II

ELECTIVE PROGRAM



NEW! Multicultural Literature Online [KH02368 (Alt 10, 11, 12)]



Fall semester, Prerequisites: 1) Must be enrolled in Europe Huaka'i in order to enroll in this course; 2) paid in full by the first week of August 2023; and 3) Current and active member of Ambassadors of Aloha 'Āina club.

Preference will be given to Seniors. If you are a Senior, this course will meet the Senior English graduation requirement. Course is an elective for grades 10 & 11. May not be repeated. **This is an asynchronous course.**

Haumāna enrolled in this course will study the diplomatic travels of Hawaiian ali'i and the journeys of the young Hawaiians in Kalākaua's Study Abroad Program. Students will read through diary entries, newspaper articles, and archival research. Haumāna will have an opportunity to analyze the influence that these travels have had on Hawaiian culture and literature. **Those enrolled in the course should also be registered for the 10-day culminating international huaka'i (trip) in fall 2023.** Prior to traveling, haumāna will learn proper protocol and oli, historical events and places as well as complete a literary analysis, research paper, and

presentations. Journals and video diaries will be required during the huaka'i. A culminating essay and presentation will be required after huaka'i.

Estimated cost of travel: approximately \$4800 (subject to change)

Tentative travel schedule: October 2023 (fall break)

REQUIRED: Must have a US Passport valid through six months beyond travel date

Reading/Writing Strategies [KH02324]

Semester, Prerequisite: Recommendation of grade level counselor or Grade 8 English teacher. *This course will receive elective credit but will NOT satisfy the English graduation requirement.*

Reading/Writing Strategies is a supplementary 0.5 course, in conjunction with an assigned English course, designed to strengthen student writing, reading, analytical, and critical thinking skills, and target overall performance in their English courses. Writing instruction will focus on the Writing Process (pre-writing, drafting, revising, and publishing) with a strong emphasis on content organization, paragraph construction, and the grammar/punctuation rules required for grade level. Reading instruction will focus on developing students' active reading skills, reading comprehension, note-taking skills, and academic vocabulary. Much of the material is drawn from assignments in students' English courses and based on their reading and writing needs.

NOTE: Reading/Writing Strategies is a **credit/no credit course**. The course is designed to supplement the grade level English course.

LANGUAGES

[http://blogs.ksbe.edu/khslanguages/?](http://blogs.ksbe.edu/khslanguages/)

Kamehameha students are encouraged to develop second language skills. Such skills permit direct access to a variety of cultures, prepare students for college, and can be helpful in a variety of work situations. Currently, about two-thirds of the four-year colleges Kamehameha students attend have a language entrance requirement of two or more years in the same language. Second language skills are useful in travel industries, human services including health care, and preschool through post-secondary education careers.

High School Program: Three years of French, four years of Japanese, five years of Spanish and six years of Hawaiian are offered at Kapālama. Advanced Placement Japanese and Mandarin Online (1, 2, and 3) is also offered. Two consecutive years of the same language are required for graduation from Kamehameha. (Note: A fourth year or higher in any language, taken in grade 12, meets one of the grade 12 requirements for an Honors diploma. See [Honors & AP Program](#) section for more information.)

‘ŌLELO HAWAI‘I (Hawaiian Language) PROFICIENCY

All Kamehameha High School students, regardless of prior Hawaiian language study or experience, must demonstrate a level of Hawaiian language proficiency through:

1. Satisfactory completion of Hawaiian 1 and 2 (C- or higher in the second semester of Hawaiian 2) **OR**
2. Departmental approval (which may include assessment)

Summer Program: Hawaiian 1-3 courses are comparable to a full year in the grade 9 - 12 program. See the Summer School catalog or the grade level counselor for more information.

WHICH LANGUAGE?

To assist you in deciding which language to study a brief description of each one follows:

French is a Romance language and the official language in 29 countries across five different continents. French is the sixth most spoken language in the world, behind Mandarin, English, Hindi, Spanish, and Arabic. It is also one of the official languages of the United Nations. French language and culture are widely recognized as key

contributors to fine arts, food, fashion and “the art of living.” Opportunities to use French in the field of trade, commerce, engineering and science abound.

Hawaiian is the language of this land and embodies the culture, history, and environment of its people. It is indigenous to the islands and is spoken as a native language nowhere else. Hawaiian is presently enjoying a revival in the community ranging from preschool and immersion programs to strong Hawaiian studies programs at UH Mānoa and Hilo. Hawaiian language students may enjoy the academic challenge of studying the language of their ancestors. Some also enroll in Hawaiian to strengthen their love and understanding of their heritage. At colleges on the continent, where a second language is sometimes an entrance requirement, Hawaiian is generally accepted for admission. In Hawai‘i, Hawaiian is used in various fields, such as communication, education, entertainment, health, law, political science and the travel industry.

Japanese is spoken as a first language by 120 million people; many others as a second language. Aside from English it is the language spoken by the greatest number of visitors to Hawai‘i, and the numerous jobs that require proficiency in Japanese include those at banks, hotels, restaurants, car rental and travel agencies, and department stores. Japan continues to be a political, social and economic force in the world, and the chance of contact with Japanese speakers is increasing, especially for those living in Hawai‘i.

Mandarin is one of the most widely learned foreign languages today, and a language deemed critical to national security by the U.S. government. It is the most widely understood Chinese dialect with nearly a billion native speakers worldwide. Mandarin is one of six official languages of the United Nations and is spoken by one out of every five persons in the world. It is also one of the oldest living languages. Students who study Mandarin will play a major role in many walks of life including international business, education, media and other industries that depend on the global economy. Contrary to the common misconception of Mandarin being a difficult language to learn, there is no conjugation in Mandarin like the Latin based languages.

Spanish is spoken in more than twenty countries on four continents. In the United States it is the fastest growing language with some twenty million speakers, a number surpassed only by Spain, Mexico, and Argentina. Spanish vocabulary has enriched English with a variety of words from patio to aficionado. The Southwest retains architectural, artistic, linguistic, and other ethnic influences of its early

Spanish heritage. Job seekers may be competing with Spanish speakers for the same positions in medicine, law or engineering.

ELECTIVES

These courses will receive elective credit, but do NOT satisfy the two-year language requirement.

Haku Mele: Hawaiian Song Composition [KH02296 (Alt 11, 12)]

Semester, Prerequisite: Concurrent Hawaiian 3 and above. Open to grades 11-12. Does **not** meet the 2-year language graduation requirement.

This elective course is created for students to embrace their Hawaiian identity, language, and culture through the art of haku mele or Hawaiian song composition. Students will engage in their Hawaiian poetry skills by learning about different meiwī or literary poetic devices that are prevalent in many songs of our kūpuna. This course is designed to spark interest in our students to continue singing and learning different Hawaiian songs in order to preserve them for generations to come. E ola mau nā mele Hawai‘i!

NEW! Hana Hei: Hawaiian String Games & Mo‘olelo [KH02287 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Must have completed Hawaiian 2 (grade of B- or higher) or teacher recommendation. Does **not** meet the 2-year language graduation requirement.

The practice of Hei was one way our kūpuna passed on knowledge, traditions, and language. Hei, or string figures, mimicked images of people, places, or our natural environment. It was used as a device to keep the mind sharp, the fingers nimble and our mo‘olelo preserved. Come and learn stories of our kūpuna in a fun way as we learn to retell stories and create string figures that accompany the story. The class will be conducted both in Hawaiian and in English, giving us more opportunities to strengthen our language.

Ho‘omana Kahiko: Hawaiian Religion [KH03225 (Alt 11, 12)]

Semester, Prerequisite: Must have completed Hawaiian 3 (grade of B- or higher) and teacher recommendation. Open to grades 11-12. Does not meet Social Studies, Senior English, or 2-year Language graduation requirements.

The first quarter of this course will focus on Hawaiian religion prior to the arrival of the Christian missionaries to Hawai‘i. The students will read a variety of excerpts

from Hawaiian language newspapers, prominent 19th century Hawaiian scholars such as Malo, Kamakau, Kepelino, 'I'i as well as recent publications from Puku'i, Beckwith, and Kame'eleihiwa.

The second quarter of this course will focus on the integration of Christianity into Hawaiian religion, the implementation of Christian views into Hawaiian governance, and the impact of Christianity on the Hawaiian way of life. The students will read excerpts from Hawaiian language newspapers, missionary journals, including articles by Kahuna Nui Hewahewa, as well as several recent publications. There will be a few guest speakers who are active in the Hawaiian community as well as the Christian community.



Introduction to Conversational French [KH02250 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12. Does not meet the 2-year Language graduation requirement.

This is an introductory course to the spoken language of French in order to interact with one another and speakers of French in a culturally appropriate manner. The primary emphasis will be placed on oral communication skills. Students will be introduced to everyday conversational French by learning elementary and basic grammatical structures, useful phrases and vocabulary, and idiomatic expressions. Students who successfully complete the course will receive an elective credit, but will **not** meet the two-year language graduation requirement.



Introduction to Conversational French 2 [KH02259 (Alt 9, 10, 11,12)]

Semester, Prerequisite: Successful completion of Introduction to Conversational French with a C grade or higher and teacher recommendation. Open to grades 9-12. Does **not** meet the 2-year Language graduation requirement.

This is a continuation of the Introduction to Conversational French to interact with other speakers of French in culturally appropriate ways. The primary emphasis will be placed on oral communication skills and grammatical structure. Students will be introduced to everyday situations by learning useful phrases, basic vocabulary, and idiomatic expressions. Students who successfully complete the course will receive an elective credit, but will **not** meet the two-year language graduation requirement.



Introduction to Conversational French 3 [KH02245 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Success completion of Introduction to Conversation French 2 with a C grade or higher and a teacher recommendation. Open to grades 9-12. Does **not** meet the 2-year Language graduation requirement.

This is a continuation to the introduction to Conversational French 2 to interact with other speakers of French in culturally appropriate ways. The primary emphasis will be placed on oral communication skills and grammatical structure. Students will be continuing to be introduced in everyday situations by learning more complex phrases, more vocabulary and idiomatic expressions. Students who successfully complete the course will receive an elective credit, but will not meet the two year graduation requirement.



Introduction to Conversational Japanese [KH02251 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Does **not** meet the 2-year Language graduation requirement.

This is an introductory course to spoken Japanese that focuses on culturally appropriate interactions with native speakers of the language. The primary emphasis will be placed on oral communication skills. Students will be introduced to everyday conversational Japanese by learning elementary grammatical structures, useful vocabulary and phrases, and idiomatic expressions. Students who successfully complete this course will receive elective credit which does not meet the two-year language requirement.



Introduction to Conversational Portuguese [KH02234 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Does not meet the 2-year Language graduation requirement.

This is an introductory course to the spoken language of Portuguese in order to interact with one another and speakers of Portuguese in a culturally appropriate manner. The primary emphasis will be placed on oral communication skills. Students will be introduced to everyday conversational Portuguese by learning elementary and basic grammatical structures, useful phrases and vocabulary, and idiomatic expressions. Students who successfully complete the course will receive elective credit, but will not meet the two-year language requirement.



Introduction to Conversational Spanish [KH02249 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12. Does **not** meet the 2-year Language graduation requirement.

This is an introductory course to the spoken language of Spanish in order to interact with one another and speakers of Spanish in a culturally appropriate manner. The primary emphasis will be placed on oral communication skills. Students will be introduced to everyday conversational Spanish by learning elementary and basic grammatical structures, useful phrases and vocabulary, and idiomatic expressions. Students who successfully complete the course will receive elective credit, but will not meet the two-year language graduation requirement.



Introduction to Conversational Spanish 2 [KH02244 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Successful completion of Introduction to Conversational Spanish with a C grade or higher and teacher recommendation. Open to grades 9-12. Does **not** meet the 2-year Language graduation requirement.

This is a continuation to the Introduction to Conversational Spanish to interact with other speakers of Spanish in culturally appropriate ways. The primary emphasis will be placed on oral communication skills and grammatical structure. Students will be introduced to everyday situations by learning useful phrases, basic vocabulary, and idiomatic expressions. Students who successfully complete the course will receive an elective credit.



Introduction to Latin [KH02265 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12. Does **not** meet the 2-year Language graduation requirement.

This is an introductory course to Latin. The primary emphasis will be placed on written communication skills and grammatical structure. Students will learn useful phrases, basic vocabulary, and idiomatic expressions. Students who successfully complete the course will receive an elective credit, but will not meet the two-year language graduation requirement.

NEW! Ma Ka Hana Ka 'Ike – Hands-On Learning [KH02240 (Alt 10, 11, 12)]

formerly known as Conversational Hawaiian

Semester, Prerequisite: Intermediate Hawaiian 2 (grade of B- or higher), and teacher recommendation. Open to grades 9-12. This is an elective credit. May be repeated once. This course does **not** meet 2-year Language graduation requirement.

Students will have the opportunity to apply their language skills through project-based, hands-on learning. Ma Ka Hana Ka 'Ike means to “Learn by Doing.”

Students learn language and new vocabulary while learning our Hawaiian Arts. We will use various materials including but limited to Lauhala and Feathers. Some cost involved for featherwork. Lauhala material will be gathered on campus. Come and learn the art practices of our Kūpuna.

FRENCH



French 1 [KH02201 (Alt 9, 10, 11, 12)]

Year, Prerequisite: None. Open to Grades 9-12.

In this course, students develop skills necessary for effective communication in French in a variety of situations including everyday greetings, courtesies, asking directions and introducing yourself and others. A strong emphasis on grammatical structures, vocabulary and verb forms will add depth to these skills. Students will build their knowledge about the people and country of France and other French-speaking areas of the world. This course does meet the two-year language requirement. French 1 is an introduction to French language and culture. The fundamentals of French pronunciation, grammar, and culture will be presented through a balanced development of all four skills: listening, speaking, reading, and writing. The importance of communication and cultural awareness is stressed through a variety of activities (group/pair work, video, audio recordings, computer assignments, etc.). This course is designed for students with little or no knowledge of French language or culture.

Required purchase: workbook - approximately \$25.00



French 2 [KH02202 (Alt 9, 10, 11, 12)]

Year, Prerequisite: Completion of French 1 with a C- or better & instructor recommendation. Successful completion of French 1. Open to Grades 9-12.

Emphasis on increasing the student's ability to function in more varied and complex situations at a higher, more sophisticated level of grammar structures. Focus will be on accuracy of expression by improving control of pronunciation, structure and expanding vocabulary. Reading will receive increased emphasis. Students will also continue their study of the history, culture, food and customs of the French-speaking peoples. This course does meet the two-year language requirement. French 2 reinforces, refines & expands upon vocabulary and grammar learned in French 1. Students will enhance and further develop their use of French in the four key skills: listening, speaking, reading, and writing. The emphasis will be on accuracy of expression by improving control of pronunciation & grammatical structures & augmenting vocabulary. Class emphasis will be on communication, as well as French culture and that of other Francophone nations.

Required purchase: workbook - approximately \$25.00



French 3 [KH02204 (Alt 9, 10, 11, 12)]

Year, Prerequisite: Completion of French 2 with a B- or better & instructor recommendation. Open to Grades 9-12.

In French 3, students will continue to develop and refine their knowledge, focusing on the four key skills of foreign language acquisition: speaking, writing, listening comprehension, and reading. The importance of communication and cultural awareness is stressed through a variety of activities (group/pair work, video, studio recordings, computer assignments, etc.). Students will also be introduced to literary analysis in the target language.

Required purchase: Workbook – approx. \$25.00 (available at KS bookstore)

HAWAIIAN



Hawaiian 1 [KH02230]

Year, Prerequisite: None. Open to Grades 9-12.

Hawaiian 1 emphasizes skills in listening, reading, writing, and speaking so that students can communicate effectively in various situations which range from

exchanging greetings to providing information about themselves, family, friends, school, etc. Hawaiian culture is integrated throughout the course.



Hawaiian 1 DC [KH02282] – HAWN 1100 & 1200, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

HAWN 1100 Fulfills AA Distribution Requirement: *Hawai'i and the Pacific*
HAWN 1200 Fulfills AA Distribution Elective



Hawaiian 2 [KH02232]

Year, Prerequisite: C- grade or higher in Hawaiian 1 and teacher recommendation.

Hawaiian 2 continues to emphasize the four skill areas of listening, speaking, reading and writing. Greater emphasis is placed on accuracy of pronunciation, expanding vocabulary and learning more complex grammatical structures in new situations that may be culturally relevant.



Hawaiian 2 DC [KH02283] – HAWN 2100 & 2200, Hawai'i Pacific University

Year, Prerequisite: C- grade or higher in Hawaiian 1 DC and teacher recommendation. **Must have taken Hawaiian 1 DC (C- or higher) to qualify for Hawaiian 2 DC.**

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

HAWN 2100 & HAWN 2200 Fulfills AA Distribution Elective



Hawaiian 3 [KH02235]

Year, Prerequisite: B- grade or higher in Hawaiian 2 and teacher recommendation.

After acquiring the basic vocabulary and grammatical structures in the previous two years, Intermediate Hawaiian students are introduced to poetic as well as narrative literature that the student will be able to read, translate, and discuss. An increasing portion of the class work is conducted in Hawaiian.



Honors Hawaiian 4 [KH02260]

Year, Prerequisite: B- grade or higher in Hawaiian 3 and teacher recommendation.

This is a challenging course for students who have a special interest in the Hawaiian language. This course will provide students the opportunity to apply their language skills and fluency as well as learn advanced forms of grammar. The majority of the class will be conducted in Hawaiian. The focus of the class is speaking and listening but will also include some reading and writing. Students will learn genealogy research, song composition and Hands on Hawaiian Art, with a focus on Nā Hulu Kūpuna (our treasured kūpuna). Students will present the information both written and orally in Hawaiian.



Honors Hawaiian 5 [KH02261]

Year, Prerequisite: B- grade or higher in Honors Hawaiian 4, and recommendation of Honors Hawaiian 4 teacher.

This rigorous course is for students who have exceptional interest and ability in the Hawaiian language. The course will provide students the opportunity to apply their language skills in a variety of challenging ways as well as acquire a deeper understanding of the Hawaiian language system. Students will be introduced to a variety of primary Hawaiian language resources such as the vast array of Hawaiian language newspapers (printed from 1834-1945), Ka Leo Hawai'i audio recordings, the Mānaleo television program videos, Hawaiian language books and other Hawaiian language resource materials. A variety of Hawaiian language and Hawaiian cultural topics will be covered in this course, which may require student participation outside of the classroom time.

*Due to the nature of this course, students may be required to pay for certain materials, texts and other resources.



Honors Hawaiian 6 [KH02262]

Year, Prerequisite: Honors Hawaiian 5 with a grade of B- or higher, recommendation of Honors Hawaiian 5 teacher. Open to Grades 11-12.

This course is designed for students who are passionate about the Hawaiian language. They will continue to build upon and apply their advanced Hawaiian language skills in various ways through the use of Hawaiian language newspapers, mānaleo or native speakers, poetry, mo'olelo and a variety of projects from ancient

practices to modern day technology. It is important that students who take this class, utilize higher level language skills in their everyday speech.

*Due to the nature of this course, students may be required to pay for certain materials, texts and other resources.

JAPANESE



Japanese 1 [KH02208]

Year, Prerequisite: None. Open to Grades 9-12.

Elementary Japanese 1 is for those who have little or no knowledge of the Japanese language. This course is designed to build the basics of the Japanese language. The topics to be covered recur at higher levels, but increase in breadth and depth. Students will develop language skills in all four areas: listening, reading, speaking and writing of Hiragana and Katakana. The learning of new vocabulary (including kanji and kanji compounds) will be included as appropriate for each topic. Students will be able to express themselves using the three modes of communication: interpersonal, interpretive and presentational. The use of technology is required. Students will be introduced to the integration of language and cultural knowledge to communicate their personal perspectives on various topics.



Japanese 2 [KH02210]

Year, Prerequisite: Completion of Elementary Japanese 1 with a C- grade or higher, and teacher recommendation.

Elementary Japanese 2 is a course designed for those who are already proficient in hiragana and katakana, with rudimentary knowledge of kanji usage. The topics to be covered are similar at all levels. Proficiency in Japanese is developed through realistic situational problem-solving in addition to information-sharing. Students will develop language skills in all four areas: listening, reading, speaking and writing Hiragana and Katakana, as well as some Kanji. The Learning of new vocabulary (including kanji and kanji compounds) will be included as appropriate for each topic. Students will be able to express themselves using the three modes of communication: interpersonal, interpretive and presentation. Use of technology is required. Students will continue to be supported in the integration of language and cultural knowledge to communicate their personal perspectives on various topics.



Japanese 3 [KH02212]

Year, Prerequisite: Completion of two years of Elementary Japanese with a B-grade or higher in Elementary Japanese 2, and teacher recommendation.

The content for Japanese 3 revolves around the students making preparations for dealing closely with Japanese people. Culture is introduced routinely in order to minimize misunderstandings and to increase awareness of traditional Japanese values. Language proficiency will be developed through more sophisticated and highly cultural social situations in order to sensitize the students to the cultures and values that are different from their own.



Japanese 3 DC [KH02280] – JPE 1100 & 1200, Hawai'i Pacific University

Prerequisite: Completion of Japanese 2 with B- grade or higher and teacher recommendation.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

JPE 1100 & JPE 1200 Fulfills AA Distribution Elective



Honors Japanese 4 [KH02255]

Year, Prerequisite: Completion of Intermediate Japanese 3 with a B grade or higher, and teacher recommendation.

Honors Japanese 4 takes a holistic approach to instruction in order that students may acquire a full range of language skills that are necessary to communicate with native speakers of Japanese. Students are introduced to “keigo” (honorifics) so that they can apply the appropriate register effectively. The course deals with living in Japan and students learning to cope with everyday situations, as well as dealing with Japanese visitors in this country. This challenging course serves the dual purpose of preparing students for college level Japanese courses as well as for encounters with native Japanese speakers. Most of the class will be conducted in Japanese.



Japanese 4 DC [KH02281] – JPE 2100 & 2200, Hawai'i Pacific University

Prerequisite: Completion of Japanese 3 DC with B- grade or higher and teacher recommendation.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

JPE 2100 & JPE 2200 Fulfills AA Distribution Elective



Advanced Placement Japanese [KH02256]

Year, Prerequisite: Recommendation by Japanese 3 or Honors Japanese 4 teacher.

The Advanced Placement Japanese course is designed for students who are interested in completing the coursework comparable to 300 hours of college-level classroom instruction. This course will take a holistic approach and emphasize the development of Japanese language proficiency. Students should be able to interpret and produce between 400-500 kanji and their compounds. The content of this course will deal with current issues and cultural interests that students relate to. Students will be trained to use a Japanese word processor as an effective communication tool as well. Most of the class will be conducted in Japanese. Students are required to take the College Board AP Japanese Language and Culture Exam in May.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.

MANDARIN



NEW! Mandarin 1 Online (Mandarin 1 Parts A & B offered by Arizona State University Prep Digital) - **This is an asynchronous course.**

ONLINE

Year, Prerequisite: None. Open to grades 9 through 12. Fulfills 1.0 credit towards KHS languages graduation requirement. *Students must complete KHS paperwork in order to be enrolled in this online course.*

In the first level, you will learn the language basics, greetings, and introductions, work and school, shopping, travel, and about past/future as you build grammar and vocabulary of the language. You will also learn about the culture of the language speaking countries.



NEW! Mandarin 2 Online (Mandarin 2 Parts A & B offered by Arizona State University Prep Digital) - This is an asynchronous course.



Year, Prerequisite: Completion of Mandarin 1 with a C- or higher. Open to grades 9 through 12. Fulfills 1.0 credit towards KHS languages graduation requirement. *Students must complete KHS paperwork in order to be enrolled in this online course.*

In the second level, you will continue to build your grammar, vocabulary, and speaking skills as you explore friends and social life, dining and vacation, home and health, life and world, everyday things, and places and events. Continue to explore the culture of the language speaking countries.



NEW! Mandarin 3 Online (Mandarin 3 Honors Parts A & B offered by Arizona State University Prep Digital) - This is an asynchronous course.



Year, Prerequisite: Completion of Mandarin 2 with a B- or higher. Open to grades 9 through 12. Fulfills 1.0 credit towards KHS languages graduation requirement. This course does not receive KS honors credit. *Students must complete KHS paperwork in order to be enrolled in this online course.*

In the third level, students will reach a higher level of grammar and vocabulary mastery while enriching their speaking skills. Students will study tourism and recreation, professions and hobbies, at home and around town, style and personal wellness, business and industry, and arts and academics. Continue to explore the culture of the language speaking countries.

SPANISH



Spanish 1 [KH02214]

Year, Prerequisite: None. Open to Grades 9-12.

In this course, students develop skills necessary for effective communication in Spanish in a variety of social situations. Situations may include the everyday exchange of greetings or other courtesies, making or responding to introductions or invitations, and asking or giving directions. Students will also learn to use the target language to share information about themselves, their family, friends or school, along with special interests such as food, travel or entertainment, etc. In the process, students will learn appropriate vocabulary and necessary grammatical

structures. They will also learn about the people and countries where Spanish is spoken.

REQUIRED PURCHASE: Workbook - approximately \$25.00.



Spanish 2 [KH02216]

Year, Prerequisite: Completion of Spanish 1 with a C- grade or higher, and teacher recommendation.

All goals stated for Spanish 1 are expanded on in Spanish 2. New learning in each skill will extend the student's ability to solve more varied and complex language problems. The focus will be on accuracy of expression by improving control of pronunciation, structures, and expanding vocabulary. Students will continue their study of the history, customs, geography, activities, etc. of the Spanish-speaking people.

REQUIRED PURCHASE: Workbook - approximately \$25.00.



Spanish 3 [KH02218]

Year, Prerequisite: Completion of two years of Spanish with a B- grade or higher, in Spanish 2 and teacher recommendation.

One goal of the intermediate language course is to consolidate and improve previously developed communication skills. A second logical goal is to apply the maturing skills of listening, speaking, reading, and writing through class assignments or individual projects. Much of the class will be conducted in Spanish. Students may be required to purchase a workbook – approximately \$25.00.



Dual Credit for Spanish 3 [KH02285] – SPAN 1100 & 1200, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

SPAN 1100 & SPAN 1200 Fulfills AA Distribution Elective



Honors Spanish 4 [KH02229]

Year, Prerequisite: Completion of Spanish 3 with a B- grade or higher, and teacher recommendation.

Honors Spanish 4 will expand on what was learned in level 3 and focus on specific student needs. Students will refine their language and critical thinking skills through the discussion and analysis of literature, history, and cinema. Language aside, students should find that much of the work in fourth-year Spanish is similar to the rigor of their high school English courses. This course should help students perform well on university placement exams or the SAT II. Students may be required to purchase a workbook - approximately \$28.00.



Dual Credit for Spanish 4 [KH02286] – SPAN 2100 & 2200, Hawai'i Pacific University

Year, Prerequisite: Completion of Spanish 3 DC with a B- grade or higher, and teacher recommendation.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

SPAN 2100 & SPAN 2200 Fulfills AA Distribution Elective



Honors Spanish 5 [KH02264]

Year, Prerequisite: B- grade or higher in Honors Spanish 4, and recommendation of Honors Spanish 4 teacher.

This rigorous course is for students who have exceptional interest and ability in the Spanish language. The course will provide students the opportunity to apply their language skills in a variety of challenging ways as well as acquire a deeper understanding of the Spanish language. Elements of linguistics such as phonetics, phonology, morphology, and syntax of Spanish will be covered.



Advanced Placement Spanish [KH02219 (Alt 11, 12)]

Year, Prerequisite: Recommendation by Honors Spanish 4 teacher.

The Advanced Placement Spanish course is designed for students who are interested in completing the coursework comparable to 300 hours of college-level classroom instruction. This course will take a holistic approach and emphasize the development of Spanish language proficiency. The content of this course will deal with current issues and cultural topics of interest to students. Most of the class will be conducted in Spanish. All students are required to take the College Board AP Spanish Language and Culture Exam in May. **REQUIRED PURCHASE:** Textbook to be determined.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



LEARNING CENTER

<http://kapalama.ksbe.edu/high/midkiff/>

Global Cinema Studies [KH08259 (Alt 11, 12)]

Semester, Prerequisite: None. Open to Grades 11 and 12.

This semester course will introduce students to film analysis via film screenings and writing assignments. It is considered a writing intensive course. Other topics covered include film history, cinematic movements, and filmmaking techniques. A variety of examples (feature films, documentaries, short films, film excerpts) will be shown and discussed. These will be both foreign and domestic, with a culminating focus on Hawaiian filmmaking.



Global Cinema Studies DC [KH08257 (Alt 11, 12)] - MULT 2000, Hawai'i Pacific University.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Global Crossroads and Diversity

Ka Na'i Aupuni [KH08220]

Year, Prerequisite: Open to Grades 9-12 with approval of publication advisor. May be repeated.

Learn real life skills for the real world in one class. Ka Na'i Aupuni offers students the opportunity to learn technology skills such as online desktop publishing, photo editing and online design; journalism skills such as reporting, editing, graphic arts; business skills such as customer relations and budget planning; and life skills dealing with communication, leadership, time management, problem solving, team building and more. In Ka Na'i Aupuni students will be involved in the design and production of their school yearbook. Students with one year of Ka Na'i Aupuni experience make up the editorial staff.

Ka Mō'ī [KH08221 (Alt 10, 11, 12)]

Year, Prerequisite: Approval of publication adviser. Open to Grades 10, 11 and 12. May be repeated.

Those joining the Ka Mō'ī staff learn to write journalistic text for use in a student-run school newspaper. Staff members learn and refine the fundamental skills involved in news writing and layout design while acquiring a working knowledge of various

Macintosh computer programs, photography, professional ethics, and libel law. As journalists, staff members learn to copy, edit and proofread text composed by others to benefit both the newspaper and their own writing. Basic keyboarding skills are required of all students joining the staff. The school-to-work environment of the class requires that students be productive and self-motivated in order to be successful staff members. Students enrolling in the course receive elective credit. All staff members are required to write a minimum number of stories per term as a basis for their grade.

As with other student publications, staff members need to invest time outside the class period to help with the assembly of our newspaper. This course may be repeated.

Library Services [KH08301 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 9-12. May be repeated.

Haumāna learn practical library and computer skills by working on a variety of assignments, such as search exercises, projects, displays, research, organizing library events, book talks, author talks, and library organizational systems and skills. Haumāna will also explore the career and work of librarians as information and digital media specialists. They may assist teachers and other students by giving online database instruction, knowing and showing access points to a plethora of resources, orienting patrons to the correct online and physical spaces for information retrieval, and shelving materials.

Visual Communication [KH08236 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 9-12. May be repeated.

Students will learn basic graphic design skills and processes. These skills will be used to assist visitors to the Student Production Center (SPC) as well as for the production of 'āina based prints and logo designs. All design work will be based on family 'āina connections to, and research of, the communities students live in. They will also engage their mo'okū'auhau in order to connect to the various 'āina of their kūpuna.

DIGITAL MEDIA

Want to be the next YouTube sensation? Or got an idea for a fun Instagram video? Or need to make an awesome highlights reel? Then get the skills and equipment you need in a Digital Media course. Visual messaging through advertisements, movies, and webcasts play a huge role in the world today. The ability to speak this visual language is a huge asset for students in their school life as well as beyond. Hands-on projects with state of the art equipment and the Midkiff TV Studio provide a unique learning environment to give students an edge in college and beyond.

Studio Production [KH08232 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Video 1. May be repeated.

Studio Production takes advantage of the rare opportunity for high school students to work in a full-sized TV studio like the local news stations. This course is for students who enjoy working in the studio environment and want to master their skills in crew positions such as director, switcher, and audio. They will also have the opportunity to gain more experience with set design, green screen, and lighting.

Students work collectively as a crew to produce projects such as music videos, talk shows, public service announcements and news broadcasts. Industry professionals serving as guest speakers/mentors as well as field trips to TV stations and internships make this dynamic class a must for students interested in Communications and Media.

This class also runs the broadcast of “Puka Mai Ka Lā” so students have the chance to hone their skills in a real-life situation. Students must be prepared to spend time outside of class to complete their projects and other requirements.

Video 1 [KH08233 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This introductory level course allows students to explore and share their ideas through video. Students can get in touch with their creative side and get hands-on to produce a variety of projects around school as well as in the TV Studio. These valuable lessons help students to communicate their ideas visually, a skill necessary in the world today. They also learn to work cooperatively in groups to bring their ideas to life. With a full-sized TV news studio as part of their classroom, they learn to produce a “Puka Mai Ka Lā”-style news show. By the end of the course, students

will produce their own short productions and integrate these valuable skills to enhance their other school projects as well as outside interests.

Video 2 [KH08234 (Alt 9, 10, 11, 12)]

Semester, Prerequisites: Video 1

Building on the skills learned in Video 1, students ascend to higher production levels and visual literacy in Video 2. As an intermediate level course, it offers students an opportunity to further explore their creativity and raise their technical proficiency by exploring the technology of cameras and lighting. Students work with High Definition video cameras such as Go Pros while gaining advanced camera and editing techniques.

Through hands-on learning, they explore advanced techniques with the camera such as dolly movements, filters, gels, jib movements, and the glide cam. They also learn the artistry of lighting with reflectors, set and remote lights. Students will practice their skills through a variety of exercises on location and in the studio. This class also has the opportunity to work on the crew for “Puka Mai Ka Lā” so students have the chance to hone their skills in a real life situation. Students should be prepared to spend time outside of class to complete their projects and other requirements.

Video 3 [KH08235 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Video 1 & 2. May be repeated.

Video 3 offers students an opportunity to further their creativity and develop their knowledge in video through the production of a high-quality project such as the popular Lip Dub. Through the course of the semester, students work collectively to produce a project of their choice. The project will take students through the entire process from start to finish, which includes scriptwriting, casting, shooting, editing, and promoting their finished project. This will allow students hands-on learning through a real-life situation. In the past, students wrote original scripts or worked with English classes to adapt their writing projects into a video.

Industry professionals serving as guest speakers/mentors as well as field trips to film sets and internships make this dynamic class a must for students interested in Communications and Media. This class also assists in the broadcast of “Puka Mai Ka Lā” so students have the chance to hone their skills in a real-life situation. Students should be prepared to spend time outside of class to complete their projects and other requirements.

MATHEMATICS

<http://blogs.ksbe.edu/khsmath/>

The Mathematics Department understands that students are multifaceted and approach the study of mathematics from a broad spectrum of emotions, attitudes, backgrounds, experience, and needs. We believe that sound mathematics curriculum coupled with consistent and effective teaching and learning methodologies will enable every student to: apply critical thinking skills in solving problems of everyday life; participate intelligently in global affairs; compete in the high-performance workplace; develop connections among topics both within mathematics and between disciplines; and acquire an appreciation for the beauty and intrinsic order of mathematics.

We teach to help our students cultivate their talents, their character, and their aspirations.

- We want our students to develop essential habits of mind, a curiosity, and the confidence which will prepare them to be successful as they progress to learn about more sophisticated mathematical ideas.
- We want our students to not just learn how to come up with answers through the manipulation of numbers and symbols; more importantly, we want our students to believe that mathematics makes sense.
- We want to nurture in our students the belief that mathematics is a valuable tool that can be used to make sense of the world and to make informed decisions in their lives.
- We want to motivate our students and help them to realize that they can be successful in mathematics and to choose to pursue further studies of mathematics.

The Math Department offers a wide range of courses from Core Algebra to Advanced Placement Computer Science, Advanced Placement Statistics, and Advanced Placement Calculus. In addition, students are invited to join the Mathematics Team and compete at the local, state, and national levels. Math placement is dependent on a combination of factors: placement tests, transcripts, and teacher recommendations.

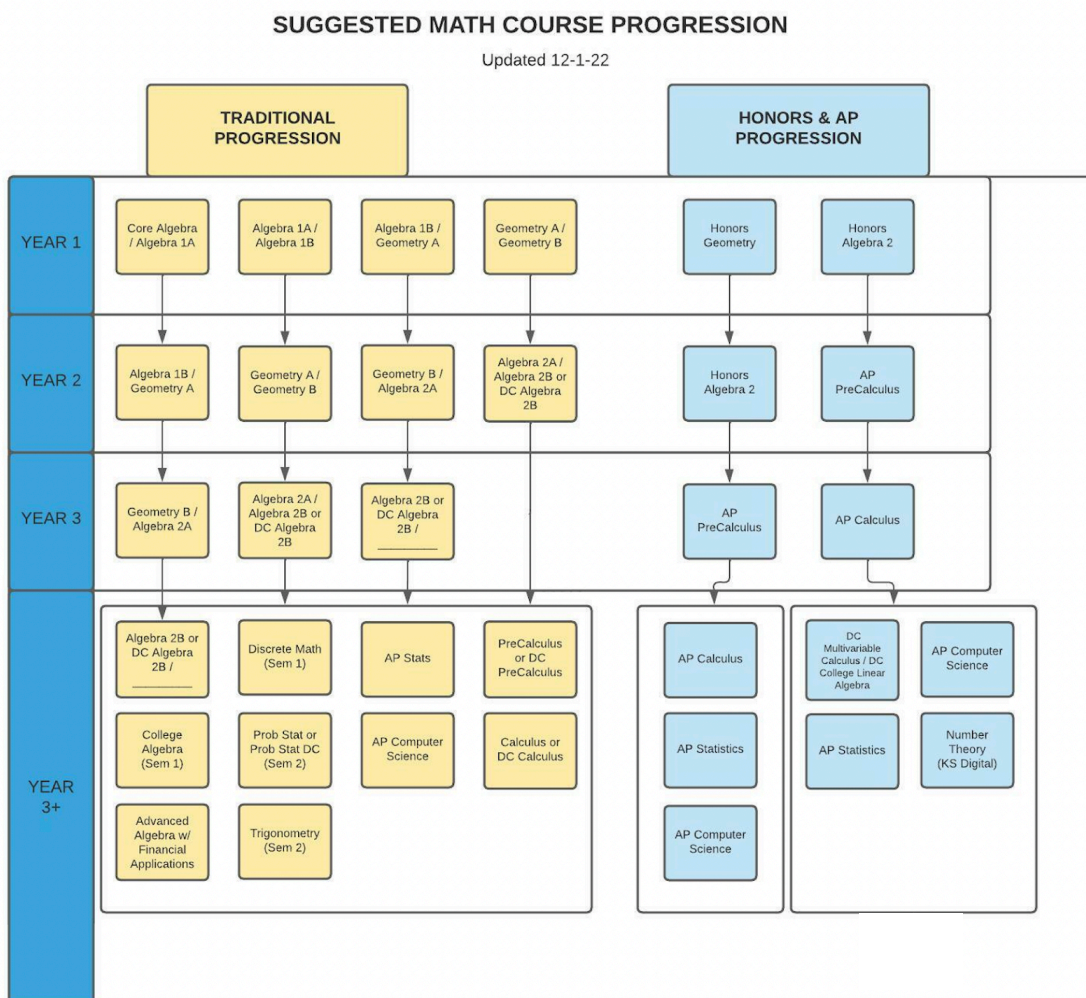
A **graphing calculator is REQUIRED** for use in math, science, as well as the SAT/PSAT tests and in college. We highly recommend students purchase a TI-84 Series or TI-Nspire graphing calculator (cost range is about \$110-135). A limited supply of graphing calculators will be available for purchase at the Kamehameha bookstore. Please contact your respective math teacher for more specific information.

Honors & Advanced Placement courses are intended for students who have demonstrated a high proficiency in mathematics, both in attitude and performance. It is designed to prepare students for future work in mathematics and math-related fields at the college level. A student must maintain a B grade or higher math average to continue in this program. Students are required to sign a commitment stating that they will continue to demonstrate:

- ◆ High ability in learning mathematics;
- ◆ Sincere interest in the study of mathematics; and
- ◆ Willingness to spend extra time and effort in studying mathematics and solving challenging problems.

Acceleration in Kamehameha’s Mathematics program is possible through Kamehameha summer school courses. Such acceleration is based on the recommendation of a student's current mathematics teacher to ensure that the student's best interest is met.

The following flow chart illustrates the recommended course progression in the high school math program:



Core Algebra [KH01283]

Semester 1, Prerequisite: Placement subject to Kamehameha Math Placement test scores, grades, standardized test scores, and teacher recommendation, if available.

This course is the first of three semesters of Algebra 1 in the Kamehameha math program and is designed for students who have completed either Pre-Algebra or KMS Math 8 coursework. The course focuses on the development and practice of the essential concepts of mathematics leading to the study of Algebra. Course topics include a review of real numbers and operations, properties of real numbers, and multiple representations of linear models. Other topics include solving one-variable equations, estimation techniques, and absolute value.



Algebra 1A [KH01284]

Semester, Prerequisite: Completion of Core Algebra or teacher recommendation.

This is the second course in the Algebra 1 sequence and seeks to develop and strengthen student understanding of linear relationships. Topics include solving and graphing linear equations and inequalities, graphing linear functions and relations, and writing linear functions.



Algebra 1B [KH01285]

Semester, Prerequisite: Completion of Algebra 1A with teacher recommendation.

This is the final course in the Algebra 1 sequence. This course continues to develop and strengthen student understanding of linear relationships. However, the main focus of this course is to develop student understanding of non-linear relationships. Topics include solving systems of linear equations and inequalities, exponents and quadratic equations, and polynomial operations.



Geometry A [KH01286]

Semester, Prerequisite: Completion of Algebra 1B with teacher recommendation.

In the 1st semester, students will learn logic and reasoning skills necessary for Geometry. Students will also learn the fundamental building blocks of Geometry, discover and prove properties of triangles and polygons, solve problems with right triangles using the Pythagorean Theorem and trigonometry. If time allows, then

students will use tools of Geometry. Proficiency in Algebra 1 is required because many of the geometry problems are done by setting up and solving equations.



Geometry B [KH01287]

Semester, Prerequisite: Completion of Geometry A with teacher recommendation.

In the 2nd semester, students will learn about similar polygons, explore area and volume of solid figures, discover and prove properties of circles, and connect everything together to see Geometry as a Mathematical System. Proficiency in Algebra 1 is required because many of the geometry problems are done by setting up and solving equations.



Honors Geometry [KH01228]

Year, Prerequisite: B+ grade or higher in KMS Algebra 1 or 8th grade Accelerated Algebra and teacher recommendation. B+ grade or higher in Algebra 1 at KHS and teacher recommendation.

This course is for students with a high proficiency in mathematics. It requires the acquisition and application of logical reasoning skills through the study of Euclidean Geometry. Deductive and inductive reasoning skills are developed through informal justifications and formal two-column and paragraph proofs. The course emphasizes vocabulary, properties of geometric figures, principles of logical reasoning, algebraic concepts, coordinate geometry, transformations, and real-world applications.



Algebra 2A [KH01288]

Semester, Prerequisite: Completion of Algebra 1B, completion of Geometry A/ B, and teacher recommendation.

Completion of Algebra 2A is highly recommended. Topics that will be covered include functions, transformation of functions, systems of equations and inequalities, absolute value functions, linear functions, quadratic functions, and the real and complex number system.

Note: Every student registering for Algebra 2A will be required to complete a set of online review lessons prior to beginning Algebra 2A. Completion of the review and the accompanying final quiz is required before the start of the course. The link to the online review will be given to each student once enrolled.



Algebra 2B [KH01289]

Semester, Prerequisite: Completion of Algebra 2A with teacher recommendation.

This semester course develops students' understanding of operations with the following topics: polynomials; rational expressions and equations; irrational and complex numbers; operations with radicals and solving radical equations; quadratic equations and functions; exponential functions and intro to logarithmic functions; inverse functions. Algebra 2B is strongly recommended for all students planning to apply to a four-year academic institution, as colleges require this course for those who expect to pursue physical or social sciences, engineering, or mathematics.



Algebra 2B DC [KH01358] - MATH 1105, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective



Honors Algebra 2 [KH01229]

Year, Prerequisite: B grade or higher in Honors Algebra 1 and Honors Geometry and teacher recommendation.

Honors Algebra 2 is a continuation of the algebra of real numbers studied in Honors Algebra 1. There is an emphasis on application of algebra skills, problem solving, and demonstrating the process used to solve problems. Topics that may be covered include: real numbers, solving equations and inequalities, including those involving absolute values; transformations of functions, linear equations and functions; operations with polynomials; rational expressions and equations; irrational and complex numbers; operations with radicals and solving radical equations; quadratic equations and functions; analytic geometry; exponential and logarithmic functions; sequences and series; permutations, combinations, and probability; and matrices and determinants.

Prior to the end of the school year preceding this course, every student registering for Honors Algebra 2 will be provided with review materials for Algebra 1. The purpose of this review is to help the student recall the basic concepts learned in Algebra 1; to provide a number of practice problems covering the major topics in Algebra 1; and to give the student an awareness of and sense of confidence for starting Honors Algebra 2. An Algebra 1 exam will be given the second day of

school to diagnose the student's mastery of the concepts necessary for success in Honors Algebra 2.

ADVANCED MATH COURSES



Advanced Algebra with Financial Applications [KH01321]

Year, Prerequisite: Completion of Algebra 2B.

Do you want you and your family to be financially successful? Do you know how to save yourself ONE MILLION DOLLARS before you retire? Learn and master the big ideas of personal financial independence for your future, possibly the most important mathematics you can learn. Financial Algebra is a course that is algebra-based, applications-oriented, and technology-dependent. This course addresses college mathematical topics from Algebra 2, Statistics, Probability, Pre-Calculus, and Calculus under seven financial umbrellas: Banking, Investing, Credit, Employment and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting. Financial Algebra allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. It provides students a motivating, young-adult centered, financial context for understanding and applying the mathematics they are guaranteed to use in the future.



Advanced Placement Computer Science Principles [KH01222]

Year, Prerequisite: B grade or higher in Algebra 2B or Honors Algebra 2, or consent of the teacher. Open to Grades 11 and 12.

Whether it's 3D animation, engineering, music, app development, medicine, visual design, robotics, or political analysis, computer science is the engine that powers the technology, productivity, and innovation that drive the world. Computer science experience has become imperative for today's students and the workforce of tomorrow. The goal of AP Computer Science Principles is to develop leaders in computer science fields as well as to attract and engage those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



College Algebra [KH01207]

Semester 1, Prerequisite: Completion of Algebra 2B.

The rigor of this course is at a college level. College Algebra allows students to master Algebra 2 topics while increasing rigor in order to be more successful in college. Topics include: polynomial functions, rational functions, inverse, exponential, and logarithmic functions; analytical geometry, and sequences and series. All topics will include solving real-world application problems. Students that have taken Precalculus, Precalculus Honors, AP Precalculus, Calculus or AP Calculus **cannot** take this class.



College Linear Algebra DC [KH01362 (Alt 11, 12)] - MATH 3305, Hawai'i Pacific University



Semester 2, Prerequisite: Completion of AP Calculus or Calculus DC (MATH 2214 & 2215) and Calculus teacher recommendation.

Elementary linear algebra with applications in the sciences, to computers and economics. Topics include: systems of linear equations; matrix theory, determinants and eigenvalues, geometry of Euclidean n-space; abstract vector spaces, bases, linear independence, and spanning sets, linear transformations, null space and range, diagonalization of matrices; eigenvalues and eigenvectors. Upon successful completion of the course, students will: 1. Know and apply the definition of span, arguing algebraically and geometrically 2. Know and apply the definitions of linear dependence and independence 3. Take matrices to RREF, identify matrices in RREF 4. Solve systems of equations or show there is no solution, including the use of parametric form 5. Compute with matrices and vectors (scalar multiply, add multiply, find inverses, determinants) 6. Know and apply the definition of linear transformation, identify linear or nonlinear transformations, find the matrix of a linear transformation 7. Determine whether a set is a basis, find a basis of sample 8. Find or change coordinates 9. Find eigenvalues, eigenvectors, diagonalize a matrix if possible.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective

Competitive Math [KH01262 (Alt 10, 11, 12)]

Year, Prerequisite: Consent of instructor. Students enrolling in this course for the first time should have participated on the Kamehameha Math Team in the previous school year. May be repeated. **This course does not satisfy the math graduation requirement.**

Be part of a nationally recognized team of mathematical excellence!! This course is intended for students who would like to represent Kamehameha at local and national math competitions. It expands upon topics covered in the required math curriculum at Kamehameha and deepens conceptual understanding of these topics. This course will also introduce students to other topics in mathematics, such as set theory, formal logic, and number theory. Students will also learn test-taking strategies and problem-solving skills. There will also be an emphasis placed on the development of leadership skills and the building of strong character. Students will be required to attend math team events outside of regular school hours.



NEW! Number Theory Online (Number Theory offered by Global Online Academy) - This is an asynchronous course.

ONLINE

Semester, Prerequisite: Must have completed Precalculus and a desire to do rigorous mathematics and proofs. Open to grades 11 or 12. Fulfills .5 credit math of KHS graduation requirement. *Students must complete KHS paperwork in order to be enrolled in this online course.*

Once thought of as the purest but least applicable part of mathematics, number theory is now by far the most commonly applied: every one of the millions of secure internet transmissions occurring each second is encrypted using ideas from number theory. This course will cover the fundamentals of this classical, elegant, yet supremely relevant subject. It will provide a foundation for further study of number theory, but even more, it will develop the skills of mathematical reasoning and proof in a concrete and intuitive way, good preparation for any future course in upper-level college mathematics or theoretical computer science, all of which are based on rigor and proof.

We will progressively develop the tools needed to understand the RSA algorithm, the most common encryption scheme used worldwide. Along the way we will invent some encryption schemes of our own and discover how to play games using number theory. We will also get a taste of the history of the subject, which involves the most famous mathematicians from antiquity to the present day, and we will see parts of the story of Fermat's Last Theorem, a 350-year-old statement that was fully proved only twenty years ago. While most calculations will be simple enough to do

by hand, we will sometimes use the computer to see how the fundamental ideas can be applied to the huge numbers needed for modern applications.



Pre-Calculus [KH01243]

Year, Prerequisite: Completion of Algebra 2B w/ teacher recommendation or completion of College Algebra/Trigonometry with teacher recommendation.

Pre-Calculus emphasizes the essential concepts needed to pursue the study of calculus and other advanced math courses. The course is intended for students who are on a Calculus track and are interested in a STEM related field of study after high school. Students should enter the course having acquired a strong command of algebraic properties, an understanding of common algebraic functions and their graphs and exhibit inductive and deductive reasoning techniques. Topics covered include a review of quadratic, polynomial, rational, exponential and logarithmic functions, inverse functions, sequences and series, trigonometric functions, conic sections, polar coordinates, complex numbers, and limits. We also seek to develop the student's analytical thinking and problem solving skills in preparation for their transition to Calculus.



Pre-Calculus DC MATH 1130 [Sem 1, KH01331] & 1140 [Sem 2, KH01333], Hawai'i Pacific University

Year, Prerequisite: Completion of Algebra 2B (DC) with a C- or higher OR HPU placement test

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

MATH 1130 [Sem 1, KH01331] Fulfills AA Distribution Requirement: Quantitative Analysis and Symbolic Reasoning

MATH 1140 [Sem 2, KH01333] Fulfills AA Distribution Elective



NEW! Advanced Placement Precalculus [KH01366]

Year, Prerequisite: B grade or higher in Honors Algebra 2 or teacher recommendation.

This is a Pre-Calculus course intended for those students who (1) intend to go further in the study of mathematics, (2) need more advanced mathematics because they are interested in science, and (3) like mathematics and the satisfaction that comes from the ability to reason and solve difficult problems. This course studies a myriad of topics including: mathematical systems, sequences, series, functions, relations, matrices, conic sections, binomial theorem, analytic geometry, vectors,

and other modern mathematical developments, as well as a brief introduction to the graphing calculator. In the general topic of functions, students study the properties of circular and trigonometric functions and their applications, as well as logarithms and exponential equations.

AP EXAM FEE: \$97 per exam- payable at the beginning of the second semester.



Calculus [KH01254]

Year, Prerequisite: Completion of Pre-Calculus with teacher recommendation.

Calculus, the mathematical study of change, is a branch that goes beyond what algebra and geometry offer. Calculus is required for degrees in science, economics, business, engineering, computer science, medical and dental school, and even an MBA. This course is intended for students who have successfully completed math courses through Pre-Calculus. Topics covered include: review of Pre-Calculus, limits, continuity, derivatives, integrals, applications of derivatives and integrals, finding area between two curves, and volumes of revolution. This course covers material found in a typical first semester college calculus course.



Calculus DC MATH 2214 [Sem 1, KH01332] & 2215 [Sem 2, KH01334], Hawai'i Pacific University

Year, Prerequisite: Completion of Pre-Calculus (DC) with a C- or higher *OR* HPU Math Placement Test.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course. The dual credit curriculum will follow college standards, therefore the pace and rigor will be different from the high school curriculum. Courses offered for Calculus dual credit include both MATH 2214 & MATH 2215 taught at any college/university. Grading methods may be different than those of the traditional Kamehameha math class.

MATH 2214 [Sem 1, KH01332] Fulfills AA Distribution Requirement: Quantitative Analysis and Symbolic Reasoning

MATH 2215 [Sem 2, KH01334] Fulfills AA Distribution Elective



Advanced Placement Calculus AB [KH0xxxx] *formerly known as AP Calculus*

Year, Prerequisite: B grade or higher in Honors Pre-Calculus or Pre-Calculus with teacher recommendation.

This course is intended for students who have a thorough knowledge of algebra, geometry, trigonometry, and analytic geometry. The course is valuable to the future engineering or science student who may take courses that require knowledge of basic calculus. Topics covered in this course include limits, continuity, derivatives, slope fields, integrals, infinite sequences and series, and applications involving derivatives and integrals. Though this course is titled Advanced Placement Calculus, it covers nearly two semesters of college and not just one as the title may imply.

AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



NEW! Advanced Placement Calculus BC [KH01365]

Year, Prerequisite: Completion of Honors Pre-Calculus or AP Calculus AB, or recommendation from Pre-Calculus/Precalculus DC teacher.

This course is intended for students who have a thorough knowledge of algebra, geometry, trigonometry, and analytic geometry. The course is valuable to the future engineering or science student who may take courses that require knowledge of basic calculus. Topics covered in this course include limits, continuity, derivatives, slope fields, integrals, infinite sequences and series, and applications involving derivatives and integrals. Students are expected to take the BC version of the Advanced Placement Calculus exam at the end of the year.

AP EXAM FEE: \$97 per exam - payable at the beginning of the second semester.



Multivariable Calculus DC [KH01361 (Alt 11, 12)] - MATH 2216, Hawai'i Pacific University



Semester 1, Prerequisite: Completion of AP Calculus or Dual Credit for Calculus (MATH 2214 & 2215) and Calculus teacher recommendation.

Multivariable Calculus covers a third semester of a standard 3-semester calculus sequence. The course gives a thorough introduction to multivariable calculus and mathematical methods needed to understand real work problems involving quantities changing over time in multiple dimensions. Topics include vectors, lines, planes, curves, and surfaces in

3D-space; limits, continuity, and differentiation of multivariable functions; gradient, chain rule, linear approximation, optimization of multivariable functions; double and triple integrals in different coordinate systems; vector fields and vector calculus in 2D- and 3D-space, line integrals, flux integrals, and integration theorems generalizing the Fundamental Theorems of Calculus (Green's theorem, Stokes' theorem and Gauss's theorem, also known as the divergence theorem). Furthermore, the course provides important mathematical foundations for advanced studies in life sciences, physical sciences, social sciences, computer science and engineering, building vocabulary and tools to describe and understand phenomena in the natural world, and improving analytic and problem-solving skills valuable in many disciplines.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective



Probability and Statistics [KH01281]

Semester 2, Prerequisite: Algebra 2A/2B and teacher recommendation or Senior standing with completion of Algebra 1A/1B, Geometry A/B and DH approval.

This is a math course that will teach you to think differently about how things in the world operate. It is critical in fields as wide as operations analysis, urban planning, computer programming, Psychology, Environmental Science, and Meteorology.

Statistics is the grammar of science. To be fluent in life, knowing how to interpret and communicate mathematically is a valuable life skill. This is an introductory course to topics in probability and statistics. Topics include conditional probability, binomial probability, measures of central tendency, variability, sampling, and analyzing data.



Probability and Statistics DC [KH01360] - MATH 1123, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Quantitative Analysis and Symbolic Reasoning



Advanced Placement Statistics [KH01276]

Year, Prerequisite: B grade or higher in Algebra 2 or Honors Algebra 2, or consent of the teacher. Open to Grades 11 and 12.

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. This course is for students interested in career fields in business, science, research or other areas that use data analysis.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



Topics in Discrete Math [KH01280]

Semester 1, Prerequisite: Students who have successfully completed Algebra 1A/1B, Geometry A/B, and Algebra 2A/2B and teacher recommendation or Senior standing with completion of Geometry A/B and DH approval.

This math course will teach you to think about how things in the world operate and to develop a student's ability to understand and create mathematical arguments. Topics in Discrete Math provide the mathematical foundation for advanced mathematics and computer science courses. An introductory course covers a wide variety of mathematical topics such as theory, matrix, operations and applications, and recursion. Emphasis is placed on problem-solving and reasoning skills. The content of the course is supplemented with preparation for the SAT. It is critical in the working fields of operations analysis, urban planning, computer programming, psychology, environmental science, and meteorology to name a few.



Trigonometry [KH01239]

Semester 2, Prerequisite: Completion of Algebra 2B.

Trigonometry is critical for success in higher level maths, and is used daily in careers like architecture, radiology/medical fields, construction surveying, and digital game design. The rigor of this course is at a college level. Trigonometry is offered as the second semester course after College Algebra. Topics include: functions, circular functions and their graphs, trigonometric identities and equations, and applications of trigonometry. Students that have taken Precalculus, Honors Precalculus, AP Precalculus, Calculus or AP Calculus **cannot** take this class

PERFORMING ARTS

Music, dance and drama are universal languages. They are common grounds upon which people all over the world can express themselves. Whether as creators, performers, listeners or observers, Kamehameha students are encouraged to explore the realm of the performing arts to enhance the quality of their lives.

Performing arts have always played a major role in the culture of the Hawaiian people, and for over a century, have been a strong tradition at Kamehameha. With this in mind, Kamehameha offers a variety of courses to provide students with skills and experiences that will enhance their involvement as quality performers and active observers. Those choosing to pursue a career in the performing arts can prepare themselves appropriately through this program. However, all students will be able to gain a variety of skills, enjoy a wide range of experiences and develop a sense of appreciation for the arts, which is meaningful, rewarding and lifelong.

All course offerings for grades 9-12 meet the performing arts requirement for graduation. Students are encouraged to take courses in the areas of their choice: music, drama or dance. All of these performing arts will provide opportunities for students to express themselves in ways that are creative and aesthetically fulfilling.

Students planning to take three to four years of performing arts courses (e.g. Orchestra, Band, and Concert Glee) should be aware that it may be necessary to attend summer school to meet graduation requirements.

BAND

Band-Woodwinds [Semester 1, KH04275; Semester 2, KH04276]

Band-Brass [Semester 1, KH04291; Semester 2, KH04292]

Semester (fall and spring), Prerequisite: Consent of teacher. May be repeated.

Students are expected to enroll in both the fall and spring semesters of this course.

Band-Woodwinds and Band-Brass is for wind players and is open to freshmen through seniors. During the fall these classes combine with our color guard and percussion to form our marching band, an active performing organization that goes to marching band competitions, pep rallies, athletic games, football halftime shows, and other performances throughout the year. (e.g. Relay for Life, Ho'olaule'a, etc.) Christmas Concert, Band-O-Rama Concert, and Pops Concert will also be a regular part of the program. Training in basic music fundamentals as well as playing appropriate concert music will be emphasized. The band does travel locally,

nationally and internationally. Students are required to attend all rehearsals and performances, which may include two rehearsals per week outside of school hours. Students are also required to attend a mandatory band camp in July and Labor Day mini band camp in September. There are also optional music workshops throughout the summer. **Students are expected to enroll in both the fall and spring semesters of this course.**

FEE: \$450.00 for mandatory Marching Band Camp, Mini Band Camp, and Meal Fee.

Band-Color Guard [Semester 1, KH04303; Semester 2, KH04304]

Semester (fall and spring), Prerequisite: Audition or consent of teacher. Students are expected to enroll in both the fall and spring semesters of this course.

Band-Color Guard is for members of the band program who are part of the color guard ensemble. It is an active performing group that combines with our wind and percussion classes to form the marching band during the fall. During the spring, the color guard performs as an indoor winter guard ensemble. Throughout the year, members perform at athletic events, football halftime shows, marching band competitions, winter guard shows, and other special events (e.g. Relay for Life and Ho'olaule'a, etc.) Training in fundamentals of movement and equipment will be emphasized, utilizing implements such as flag, rifle, sabre, and props to create a visual display of music. Students have the opportunity to travel with the band locally, nationally, and internationally. Students are required to attend all rehearsals and performances, which may include rehearsals outside of school hours. Students are also required to attend a mandatory band camp in July and Labor Day mini camp in September, as well as workshops over the summer. Students are expected to enroll in both the fall and spring semesters of this course.

FEE: \$450.00 for mandatory Marching Band Camp, Mini Band Camp, and meal fee.

Band-Percussion [Semester 1, KH04211; Semester 2, KH04287]

Semester (fall and spring), Prerequisite: Consent of teacher. May be repeated.

Percussion is a class primarily for beginning to advanced drummers. Drummers will be auditioned to form a well-balanced ensemble. Training in basic music fundamentals as well as playing appropriate music will be emphasized. During the months of August to November, the Percussion class will join the woodwind, brass, and color guard classes for marching band competitions, pep rallies, athletic games, football halftime shows, and other performances throughout the year. (e.g. Relay for

Life, Ho'olaule'a, etc.) The band does travel locally, nationally, and internationally. Students are required to attend all rehearsals and performances, which may include two rehearsals per week outside of school hours. Students are also required to attend a mandatory band camp in July and Labor Day mini band camp in September. There are also mandatory drum workshops throughout the summer. **Students are expected to enroll in both the fall and spring semesters of this course.**

FEE: \$450.00 for mandatory Marching Band Camp, Mini Band Camp, and Meal Fee.

ORCHESTRA

Beginning Orchestra [KH04266 (Alt 9, 10, 11)]

Semester, Prerequisite: None

Beginning Orchestra is a course in string instrument performance for students with no prior background in music or on an orchestral instrument. Students will choose to spend the semester playing the violin, viola, cello or bass. Students with a musical background in other instruments may enroll, but they should be aware that the course will spend time covering some fundamentals of music which they may already know. By the end of the semester, the students should be able to perform pieces which are rated "level .5-1" (or higher) by the American String Teachers Association standards. Students will participate in a public performance at the end of the semester. All students who successfully complete this course with a grade of "A" will be allowed to audition for the KS Intermediate Orchestra class the following semester.

Intermediate Orchestra [KH04237]

Year, Prerequisite: Audition. May be repeated.

Intermediate Orchestra is the class that students should enroll in after taking Beginning Orchestra. Students in this class will continue their knowledge of performance on the string orchestra instrument that they have chosen in Beginning Orchestra. Students in this class will perform pieces which are rated level .5-4 (or higher) by the American String Teachers Association Standards. Students will participate in at least two public performances (one per semester) and may be asked to participate in other performances as determined by the director. Students in this class should expect to explore a wide range of musical styles in both large and small ensemble settings which could happen on and off campus. Students are encouraged to take private lessons, and a certain amount of practice outside class

time is a minimum expectation. (Note: Students with prior experience who are enrolling in Kamehameha Schools from a different school should take an audition to determine what orchestra class they should be placed in.)

Sinfonietta [KH04233]

Year, Prerequisite: Audition. May be repeated.

Sinfonietta is the highest level of Orchestra taught at Kamehameha Schools and is made up of the most advanced members of the Orchestra. The group studies and performs music for chamber orchestra from all style periods plus literature for small ensembles such as trios, quartets, and quintets. Sinfonietta performs more frequently than all of the other orchestra classes and students should expect to perform both on and off campus. The members of Sinfonietta are expected to serve as leaders for all the other orchestra classes and taking private lessons/practicing outside class time is a minimum expectation. (Note: Students with prior experience who are enrolling in Kamehameha Schools from a different school should take an audition to determine what orchestra class they should be placed in.)

CHORAL

Hīmeni Pualu Kāne (Boys Chorus) Grades 9-10 [KH04201 (Alt 9, 10)]

Hīmeni Pualu Kāne (Boys Chorus) Grades 11-12 [KH04271 (Alt 11, 12)]

Hīmeni Pualu Wahine (Girls Chorus) Grades 9-10 [KH04202 (Alt 9, 10)]

Hīmeni Pualu Wahine (Girls Chorus) Grades 11-12 [KH04272 (Alt 11, 12)]

Semester, Prerequisite: None. Open to all interested students in grades 9 -12. May be repeated.

Hīmeni Pualu or "choral singing" is open to all interested students in grades 9 -12. The Wahine and Kāne ensemble groups will meet separately and will focus primarily on Hawaiian songs and Hawaiian choral literature. Students will develop their singing skills and learn basic choral fundamentals. A fairly significant amount of repertoire will be covered. Students may also learn Western choral literature and may be scheduled to perform at the ending of each semester. Unlike other performance-oriented ensembles, Hīmeni Pualu is primarily a learning ensemble and will not require demanding time and rehearsal commitments. However, on occasion, rehearsals or activities may be scheduled beyond school hours. This ensemble is for students who enjoy singing and love Hawaiian music and other types of music.

Boys Concert Glee Club [KH04213]

Girls Concert Glee Club [KH04215]

Year, Prerequisite: Vocal audition, academic stability, availability beyond school hours. Open to grades 10-12. May be repeated.

The Concert Glee Club is a mixed group of approximately 80 select singers in grades 10-12, individually chosen through audition with the directors. Students will learn the fundamentals of music and choral singing through hands-on experience and online lessons. All are expected to participate in every performance, concert, and activity. Events are frequently scheduled during after school hours. The Concert Glee Club is a high-profile ensemble that is well-regarded in the community and is frequently called upon to officially represent Kamehameha. Excellence in performance and behavior, both on and off stage, is expected. Students will perform at various venues throughout the year, including the annual Christmas Concert in December and a Spring Concert at the end of the second semester. Students will learn an extensive repertoire representing a wide range of musical styles and cultures with a focus on Hawaiian choral music. Hawaiian language and hula will also be an important focus. Attendance at the Concert Glee Club camp held in July is mandatory.

FEE: Up to \$210.00 for Concert Glee Club Camp.

GUITAR/‘UKULELE

Guitar [KH04221 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. May be repeated.

This course focuses on the development of skills, knowledge and experience. Students will be active participants in the music making process. Hawaiian and contemporary American music will be highlighted. Discipline and confidence through study and performance will be emphasized as students are exposed to a variety of musical experiences. Students will be introduced to basic theory and rudiments of music. At semester's end, students will participate in a mandatory Performing Arts Showcase.

Intermediate Guitar [KH04268 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Completion of Beginning Guitar or audition with teacher.
May be repeated.

This course will focus on the further development of guitar techniques, music reading skills, knowledge of various styles of music and performing experiences. Students will be active participants in the music making process. Hawaiian and contemporary American music will be highlighted with an introduction to Kī Hō‘alu (Slack Key guitar). Discipline and confidence through study and performance will be emphasized as students are exposed to a variety of musical experiences. At semester’s end, students will participate in a mandatory Performing Arts Showcase.

Advanced Guitar [KH04222 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Completion of Intermediate Guitar or audition with teacher.
May be repeated.

As a continuation of Guitar, this course emphasizes the development of skills, techniques, and musical interpretation with increased ensemble and/or individual study pertaining to various styles of music. More advanced students are encouraged to take the course for further technical development, valuable practice time, and performance opportunities. Emphasis will be placed on reading of notation and soloing techniques. At semester’s end, students will participate in a mandatory Performing Arts Showcase.

Beginning ‘Ukulele [KH04289 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is designed for students with no prior musical background who want to learn how to play the ‘ukulele. The course will focus on development of skills, knowledge, and experience in playing. Students will be introduced to basic theory and rudiments of music. Strumming, picking, and soloing techniques will be emphasized. At semester’s end, students will participate in a mandatory Performing Arts Showcase.

Advanced ‘Ukulele [KH04297 (Alt. 9, 10, 11, 12)]

Semester, Prerequisite: Completion of ‘Ukulele or audition with teacher.

As a continuation of Beginning ‘Ukulele, this course will place emphasis on the development of skills, techniques and musical interpretation with increased ensemble and/or individual study pertaining to various styles of music. More

advanced students are encouraged to take the course for further technical development, valuable practice time, and performance opportunities. Emphasis will be placed on reading of notation and soloing techniques. Culmination of course work will be a recital to be held at the end of the semester.

TECHNOLOGY & MUSIC THEORY

Music and Technology [KH04280 (Alt 11, 12)]

Year, Prerequisite: Audition and interview with instructor accompanied by teacher recommendation from Advanced Guitar, Concert Glee, Hawaiian Ensemble, Sinfonietta or Symphony Band. Must be able to read music and be available beyond school hours, as needed. Students without a recommendation *MUST* meet with the Music and Technology instructor for an interview and audition *BEFORE* registering for the course. Being able to sing and/or play an instrument recommended. Open to grades 11 and 12. May be repeated.

This course addresses the need for 21st century skills in the area of musical creativity, general music theory, instrumental proficiency, technological expertise, and project and time management that includes collaboration with peers and practical, real-world music production experiences.. While some of these skills (digital music production, multimedia and internet proficiencies, etc.) are specific to 21st century tools that the Music Computer Lab setting can provide, some of these skills (creativity, musical understanding, the ability to write and communicate clearly, and the ability to perform) are timeless. Some skills (time management, project management, and collaboration) will be used in many areas of life, from higher education to the 21st century workplace.

Music Theory [KH04285 (Alt 11, 12)]

Semester, Prerequisite: Any of the following courses: Advanced Guitar, Sinfonietta, Symphony Band, Hawaiian Ensemble or Concert Glee. A teacher recommendation from one of these programs is mandatory. Students can apply from outside of the Performing Arts Programs listed above with prior permission from the Music Theory instructor. Students must be able to read music. The ability to sing and/or play an instrument is recommended.

This course provides an opportunity to develop knowledge and skills in the areas of general music theory. An introduction to music theory fundamentals is covered as well as the basics of reading Western Music notation. Major focus on sight-reading and notating music, rudiments of music theory and terminology, basic musical form

and analysis, development of aural skills (listening and sight-singing) and understanding of rhythm, melody, and harmony.

This course will be considered a prerequisite for Music and Technology. Students' successful completion of the course curriculum will give them priority for inclusion in the Music and Technology Course.



Dual Credit for Music Theory [KH04284 (Alt 11,12) MUS 1400, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective

CHANT & DANCE

Hawaiian Chant and Dance for Men [KH04223 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is an introduction to Hawaiian Chant and Dance for men. Basic skills, history and a basic repertoire of chants and dances will be covered. Aspects of Hawaiian language and poetry, culture, and legends will be introduced. Boys are encouraged to enroll in this class. This course will provide an enjoyable and rewarding opportunity for young Hawaiian men to express themselves through the traditional Hawaiian art forms of Hula and oli.

Hawaiian Chant and Dance for Women [KH04224 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is an introduction to Hawaiian Chant and Dance for women. Basic skills, history and a basic repertoire of chants and dances will be covered. Aspects of Hawaiian language and poetry, culture, and legends will be introduced. Girls are encouraged to enroll in this class. This course will provide an enjoyable and rewarding opportunity for young Hawaiian women to express themselves through the traditional Hawaiian art forms of Hula and oli.

Hawaiian Chant and Dance II [KH04225 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Hawaiian Chant and Dance. May be repeated.

This course is a continuation of Hawaiian Chant and Dance for men and women. Students will increase their repertoire of chants and dances. Students will be required to attend at least one public dance performance and may be expected to perform in a concert situation at the end of the semester

Hawaiian Ensemble [KH04217]

Year, Prerequisite: Hula audition, Combo audition (‘ukulele, guitar or bass - all players must also sing), academic stability, availability beyond school hours, attendance at mandatory Summer Camp. Open to grades 10-12. May be repeated.

Hawaiian Ensemble is made up of select dancers and combo players/singers. Students will learn an extensive repertoire of Hawaiian chants, songs and dances for the purpose of performance. All are expected to attend rehearsals and participate at performances, concerts, activities and special occasions after hours. Students will be asked to perform at special Kamehameha Schools’ and community functions (i.e., ceremonies, blessings, dedications, etc.) and will often be official representatives of Kamehameha in the community. Hence, excellence in performance and behavior, both on and off stage, is expected.

FEE: \$400.00 for mandatory Hawaiian Ensemble Summer Camp; mandatory Hawaiian Ensemble Winter Camp; Founder’s Day. Meals, workshops and instructional materials included in cost.

DANCE

Introduction to Dance [KH04274 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12. May be repeated.

Students will be introduced to various styles of dance, including ballet, hip hop, jazz and modern. They will learn basic dance terms, techniques and choreography. Students with previous dance experience will be able to build upon their skills in dance technique, knowledge of terminology, and choreography. This course provides students with the technical tools and nurturing environment necessary to facilitate self-expression through dance. Students will grow their confidence and passion for the art. Video and audio recordings, terminology sheets, performance evaluations, self-evaluations and self-reflections will supplement the practical and performance aspects of the course.

Required purchase: Dance tights & jazz shoes (females) - approximately \$45.00
Jazz shoes (males) - approximately \$35.00

Introduction to Dance II [KH04286 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Completed at least two semesters in KDC and/or one semester of Introduction to Dance and/or consent by the teacher. May be repeated.

Students will expand their knowledge of various styles of genres including ballet, hip hop, jazz and modern dance. Students with previous dance experience will be able to build upon their skills in dance technique, knowledge of basic dance terminology, techniques and choreography.

This course hopes to provide students with the technical tools and nurturing environment necessary to facilitate their self-expression through dance in hopes that they gain the confidence and life skills that will allow them to lead lives filled with passion and purpose. We aspire to accomplish this by teaching various genres of dance technique and choreography, in order to provide a platform for all students to develop and perform their self-created work. Video and audio recording, terminology sheets, performance evaluations, self-evaluations and self-reflections will supplement the practical and performance aspects of the course.

Required purchase: Dance tights & jazz shoes (females) - approximately \$45.00
Jazz shoes (males) - approximately \$35.00

Kamehameha Dance Company II - Apprentice or Corps [Semester 1, KH04261; Semester 2, KH04282]

Semester or Year, Prerequisite: Audition for company placement. Auditions occur in May, August, and December for Fall & Spring semester respectively. Open to grades 9-12. May be repeated.

FEE: \$100.00 mandatory for Fall semester participation covers KDC costumes, meals/ snacks, and camps. \$150.00 mandatory for Spring semester participation covers KDC costumes, meals/ snacks, and camps.

Kamehameha Dance Company III - Principals Semester 1 [KH04262]/Principals Semester 2 [KH04283]

Semester or Year, Prerequisite: Audition for company placement. Auditions occur in May, August, and December for Fall & Spring semester respectively. Open to grades 9-12. May be repeated.

This after school program is made up of dancers from all skill levels who are selected to perform at various venues in representation of Kamehameha Schools. Kamehameha Dance Company explores a variety of dance genres from jazz, ballet, hip hop and modern dance. The students, depending on technical level, will be placed in either Apprentice (Beginning), Corps (Intermediate) or Principal (Advanced) company. The Apprentice Company will focus on basic movement fundamentals and technique along with choreography suitable for beginning dancers. The Corps Company will work on developing existing technique along with choreography suitable for intermediate level dancers. The Principal Company will work at an advanced level in terms of technique, choreography and performance. All companies will focus on performance experiences and self-assessment. On average, class sessions are 150 minutes long (3:30 to 6:00 pm) and are scheduled for two afternoons a week. More rehearsal time may be added in preparation of various performances. Students will be asked to be fully committed as Kamehameha Dance Company members. Excellence in performance and behavior, both on and off stage, is expected. All students are expected to attend all rehearsals and participate in all performances, concerts, social events, overnight camps, and fundraising efforts.

FEE: \$100.00 mandatory for Fall semester participation covers KDC costumes, meals/ snacks, and camps. \$150.00 mandatory for Spring semester participation covers KDC costumes, meals/ snacks, and camps.

THEATRE

Introduction to Theatre [KH04319 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

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 include the basic understanding of the acting process and how it is applied to stage and film **across world cultures**. This process involves preparation, observation, imagination, memorization, concentration, characterization, analysis of text,

critiquing, trusting your instincts, **learning to appreciate the aesthetic values of other cultures**, and a willingness to take risks.

Technical theatre, scriptwriting and directing are but a few of the supplementary topics covered in this course. Activities include theatre games, improvisation, scene and character study as it pertains to storytelling and cultural/ historic background, monologue and scene acting, set design and construction, lighting and peer critique.

Play Production [KH04330 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Introduction to Theater.

The goal of this course is to introduce the young person to the world of technical theatre and it's vital role in play production. Fundamentals include the basic understanding of the visual and audio design elements and how they are applied to stage across world cultures. This process involves preparation, observation, imagination, analysis of text, critiquing, trusting your instincts, **learning to appreciate the aesthetic values of other cultures**, and a willingness to take risks.

Students will learn about theatre production and design in a student-centered and experiential methodology. This means that students will be actively engaged with conversations, visual presentations, and hands-on experience with production elements such as lighting fixtures, audio equipment, construction tools, etc..Students will definitely be running an actual production. There are afternoon rehearsals almost every school day of the week before production, so it is important the student bears this in mind before enrolling.



Dual Credit for Play Production [KH04335 (Alt 9, 10, 11, 12)] THEA 1400, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective

Theatre Performance [KH04305-Semester (Alt 10, 11, 12)] [KH04306-Yr (Alt 10, 11, 12)]

Semester or Year, Prerequisite: Introduction to Theatre and teacher recommendation. May be repeated.

This is an advanced course for serious students of Acting, as the focus of this course is play production and performance. This course builds upon the student's

understanding of the storytelling process and how it is applied to stage and film **across world cultures**. This process delves deeper into preparation, observation, imagination, memorization, concentration, characterization, analysis of text, critiquing, trusting your instincts, **learning to appreciate the aesthetic values of other cultures**, and a willingness to take risks.

Acting not only involves communicating through speech and diction but the interaction of eye contact, facial expression, and body language. It is active listening and reacting. It is total and natural involvement in what you are doing. It is pursuing the character's objectives. It is the intuitive exchange of feelings and emotions, which are the actor's primary tools. Expressing these feelings and emotions honestly will generate similar ones in a receptive audience. In addition, projects in auditioning, directing, costuming, lighting and sound production are pursued. There are afternoon rehearsals almost every school day of the month before production, so it is important the student bears this in mind before enrolling.



Dual Credit for Theatre Performance [KH04336 (Alt 9, 10, 11, 12)]
THEA 2320, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Creative Arts

PHYSICAL EDUCATION & HEALTH

<http://blogs.ksbe.edu/khspe/home/>

The goal of the Physical Education and Health department is that each Kamehameha 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 its relationships to physical health. Education of the spirit calls for an emphasis on character development in the context of creating healthy relationships and decision making that establishes positive lifestyle habits. Physical Education and Health teachers believe that it is through a healthy and physically fit body that the mind and spirit can function at its peak and can direct the whole person to be an effective and productive member of society.

For more information on Physical Education/Health courses please check the website at: <http://blogs.ksbe.edu/khspe/home/>

REMINDER: Changes to PE 3 & 4 for Class of 2024 & 2025: Juniors and seniors will be able to waive PE 3 and/or 4 (both non-credit), if they take a PE/Health elective course (for credit) during the same year. For example, a junior can waive PE3, if they take Chopped or Athletic Training (or any PE/Health elective). As a senior, this same student has the option to take PE 4 or another PE/Health elective course.

REQUIRED COURSES

Personal Health [KH06251 (Alt 9)]

Semester, Required of all Grade 9 or 10 students.

The Personal Health course is designed to assist each student to learn and practice the health concepts and skills needed to be health literate. These important concepts and skills will be developed through lectures, use of technology, role-playing, small group work, discussion, presentations by community resource people as well as supplementary handouts and worksheets. The overall goal of the course is to enable students to meet the challenges that life may pose.



Personal Health DC [KH06262] - PH 1000, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered in the non-DC course.

Fulfills AA Distribution Elective

Foundations of Fitness [KH06201 Sem 1- Biathlon] *Rising Sophomores should sign up for this class.*

Foundations of Fitness [KH06213 Sem 2 Biathlon] *Rising Freshman should sign up for this class.*

Semester, starting with the Class of 2026, required to be taken in grade 9 or 10.

This course is a graduation requirement that emphasizes the benefits of cardiovascular exercise on the human body. **Students with limited or no swimming experience should enroll in the Intro to Swimming course [KH06265] prior to the Foundations of Fitness course.**

The classroom curriculum focuses on Exercise Physiology, the study of how the body functions during exercise. This enables our students to have a better understanding of what happens to their bodies as they begin to train and the value exercise has. An aerobic training program is also integrated into the classroom sessions utilizing the Principles of Training and the FITT Principle (Frequency-Intensity-Time-Type) as the foundation for their training. Workouts will include a combination of running and swimming and some lifetime sport activities. A biathlon will be completed at the end of the training to culminate the goals of the program.

REQUIRED PURCHASE: Students will need to purchase the Kamehameha Schools regulation P.E. uniform from the school store (approximately \$ 20.00/set ~ 2-3 sets of uniform is recommended). Locks (preferably combination type) for their PE lockers. **One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.**

For the Class of 2024 and 2025 only:

Physical Education III & IV: Health and Wellness [No number. This course will be automatically added during scheduling.]

Year, Required of all Grade 11 and 12 students. Pass/Fail (no credit).

An important goal of this program is to help students establish healthy lifestyle habits to enhance personal fitness levels and to improve overall well-being. This course is founded on an honor system and is a requirement for graduation from Kamehameha Schools. Students are guided in the development, implementation, and assessment of their personal fitness, health and wellness. After pre-testing and orientation, students meet with a Physical Education instructor regularly to receive personalized instruction and guidance to address health and overall wellness components. The exercise programs are student-oriented to suit their individual fitness needs, sports preferences, and time schedules. Adequate training for the

student-selected community events should be demonstrated in their fitness programs. Weekly minimum exercise standards, as well as, successful participation in a community-sporting event are necessary to pass this graduation requirement. Various seminars — such as sleep, nutrition, stress management, cardiovascular fitness, emotional, social and spiritual well-being—are offered to encourage and establish healthy lifestyle habits. Wellness is an active, lifelong process of becoming aware of choices and making decisions toward a more balanced and fulfilling life.

FEE: Students will be expected to pay an entry fee (between \$25 - \$50) for the community event they select. If community events are not being offered, virtual distances and courses will be monitored via MapMyRun app or KS-provided HR watches.

Juniors who fail P.E. III will be required to take the Kamehameha Summer School Aerobics Program or the HPE course during the first semester of their senior year. Seniors who fail PE IV will not be allowed to participate in graduation ceremonies and will need to earn the credit at an appropriate summer school program.

ELECTIVE COURSES

(Note: Preference is given to juniors and seniors.)

Athletic Training Course [KH06238 Sem 1 (Alt 11,12)]

Semester, (18 weeks), Prerequisites: None. Students must be available for evening and weekend games. Open to Grades 11-12.

This course is conducted in accordance with the National Athletic Trainers' Association (NATA) guidelines. Students will be presented with a broad overview of topics in Athletic Training. Students will be able to recognize and understand basic anatomy, apply appropriate first aid, understand principles of treatment and various taping methods under the direct guidance and supervision of a certified athletic trainer. The students will also gather information related to careers in sports medicine. Students may conduct presentations and/or projects on various conditions, diseases, and rehabilitation related to athletic injuries. Classroom instructions and labs in the training room will cover the content. Students will be required to observe and participate in both indoor and outdoor settings two hours each week as part of the training room observation/participation. Students will participate in two service learning projects, and may be able to assist as a student aide for one contact sport and one non-contact sport during the semester course.

Students will become certified in the American Heart Association (AHA) Heartsaver CPR and AED program.

FEE: First Aid and CPR certificates - Prices may vary, approximately \$30

Lifetime Sports/Aerobics [KH06205 Sem 1] [KH06206 Sem 2]

Semester, Prerequisite: None. Semester course open to grades 9-12 as an elective.

This course will explore a variety of team and individual lifetime sports as seen on the chart below. The focus will be on having fun while moving in a safe environment. Safe risk taking in a physical environment. This class is encouraging for all students who want to have fun.

REQUIRED PURCHASE: Students are required to purchase the regulation P.E. uniform from the School Store - approximately \$20.00. **One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.**

Examples of Lifetime Sports/Aerobics **may** include:

<ul style="list-style-type: none">• Swimming• Badminton• Pickleball• Racquetball• Flag Football	<ul style="list-style-type: none">• Team Handball• Ultimate Disc• Volleyball• Basketball
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Charges for Lifetime Sports/Aerobic Activities - (charges are approximate and are subject to change)

- Bowling - \$30

Chopped [KH06260 (Alt 11, 12)]

Semester, Prerequisite: Successful completion of Personal Health. Open to Grades 11-12. May be repeated.

This class is a hybrid learning class where students will 1) Meet face-to-face for cooking labs and 2) complete online assignments. This hands-on course provides students opportunities to plan, cook, and taste a variety of foods through thoughtful preparation of simple meals. Course topics range from boiling, roasting, frying and grilling to making soups, repurposing leftovers, and holiday specific cooking.

Learning tools and activities will include food labs, demonstrations, videos, guest speakers and demonstrators, lectures, online study, and independent research.

Foods and Nutrition [KH06250 (Alt 11, 12)]

Semester, Prerequisite: None. Open to Grades 11 and 12.

This is an active, hands-on course that provides students many opportunities to plan, prepare, and taste a great variety of healthy, delicious foods from around the world. Students will learn the how-to of proper food selection and preparation, the principles of good nutrition, healthy meal planning, and lots of creative ways to cook simple, scrumptious meals. Learning tools include food lab activities, demonstrations, videos, guest speakers/demonstrators, videos, lectures, independent research, and field trips.

REQUIRED PURCHASE: Students will be responsible for one foreign food demonstration at their own expense.



Foods and Nutrition DC [KH06261 (Alt 11, 12)] BIOL 1300, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: The Natural World

NEW! Golf [KH06266 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 9-12. May be repeated.

This course is designed to teach the fundamentals of golf: the golf swing; the short game (putting, chipping, sand play); and a knowledge of equipment, rules and etiquette. Students will develop their skills through various golf drills and opportunities to practice culminating in an actual round of golf. Learning the necessary skills and knowledge of golf will allow students to make this sport a lifetime activity that will facilitate a positive attitude toward wellness, physical activity, and a healthy lifestyle.

Health Promotion Education (HPE) [KH06220 Sem 1 (Alt 9, 10, 11, 12)] [KH06222 Sem 2 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Grades 9-12 with recommendation of Physical Education teacher or grade counselor and the school's clinical director. Fulfills PE credit for Foundations of Fitness (Class of 2026 and beyond), and PE III or P.E. IV for grades 11 and 12 (Class of 2024 and 2025). Half of a credit awarded per semester. May be repeated as an elective.

The Health Promotion Education (HPE) program is a health and fitness class designed both to develop and to improve the overall health of the haumana by focusing on wellness as it relates to spiritual, cultural, emotional, social, mental, and physical aspects of health. A balanced, modified physical fitness routine is incorporated into the class activities according to any modifications recommended by the student's physician. Classroom sessions are interspersed with regular exercise sessions. A culminating activity will be required for this course.

Sports Strength & Conditioning [KH06253]

Semester, Prerequisites: Grades 10-12. Recommendations: Varsity Level Sports

This course is a combination of strength, speed and agility training, along with skills and drills developed to further the skill and knowledge levels in regards to the High School sports. The strength-training phase is designed to improve strength, quickness, power, and speed using Olympic Style lifting and Circuit Training. The speed development phase will include plyometric work on training with agility and speed dynamics. The Conditioning phase will focus on Agility, Plyometric, and Sprint Conditioning. Students will have the opportunity to participate in sport specific strength and conditioning training as well as sport specific skills training.

AQUATICS

NEW! Aquatic Strength & Conditioning [KH06267]

Semester, Prerequisites: Grades 9-12. Recommendations: Varsity Level Sports.

One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.

This course provides an opportunity for students to engage in a training program to help aquatic athletes with technical and fundamental movements in the water. This fitness class is designed to provide each student with the knowledge needed to understand the importance of technique and increased fitness levels. Focus will be

on in-pool sessions for technical/fitness movements and tactical skill-building with some film sessions in the classroom.

NEW! Intro to Swimming [KH06265 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Open to Grades 9-12. May be repeated.

This course is designed for students with limited or no swimming experience and **should be taken prior to the Foundations of Fitness course. One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.**

This class will work on water safety, water comfort, basic floating skills, correct body position, which will then progress to proper kicking technique while maintaining a streamline torso and arm position. Once these are established, the class will introduce freestyle, beginner breaststroke and backstroke techniques. We will also focus on proper breathing techniques and treading water. The primary purpose of this course is to get students comfortable in the water, introduce swim strokes and increase strength and proficiency in the three basic strokes.

Lifeguarding [KH06215 (Alt 11,12)]

Semester, Prerequisite: Pretest for swimming skills proficiency. All students must be fifteen (15) years of age at or before the start of the course. This is a JUNIOR & SENIOR course only. **One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.**

The Lifeguarding course provides participants with the knowledge and skills to prevent, recognize, and respond to aquatic emergencies and to provide professional-level care for breathing and cardiac emergencies, injuries and sudden illnesses until emergency medical services (EMS) personnel take over.

Taught according to American Red Cross standards. Upon successful completion, students will receive ARC certification in Lifeguarding, CPR, and AED, valid for 2 years.

Employment opportunities with the City and County, State, and local water-related organizations (i.e., YMCA, YWCA, KROC Center, water park, schools, hotels and private lifeguarding companies) are enhanced with this certification.

REQUIRED PURCHASE: Student textbook, certification and breathing barrier \$60.00.

Novice Open Water Scuba [KH06208 (Alt 11, 12)]

Semester, Prerequisite: First Preference to SENIOR students. Pretest for swimming ability. All students must be fifteen (15) years of age at or before the start of the course. **One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.**

This course is conducted in accordance with P.A.D.I. (Professional Association of Diving Instructors) standards. Students will be prepared to safely visit the underwater world through the use of scuba equipment. The classroom portion includes physiological adaptations, physics of pressure, diving equipment, the underwater environment, rescue/emergency procedure, dive tables and decompression theory. The pool portion includes learning safe dive skills and habits. Novice divers are taught standard open water skills and are in direct supervision at all times. Required ocean dives will include four dives over two days to complete certification. There may be some weekend dives required.

REQUIRED PURCHASE: Student textbook and certification \$75.00.

NEW! Advanced Open Water Scuba (P.A.D.I.) [KH06264 (Alt 11, 12)]

Semester, Prerequisite: Must have PADI Open Water Certification. All students must be 15 years of age at or before the start of the course. First Preference to SENIOR students. Open to grades 11 & 12. **One-piece swimsuit or swimshirt/rashguard and board shorts, and swim goggles for all swim students are also required.**

The Advanced Open Water (P.A.D.I.) Diver course is designed to improve your knowledge, skills, and experience in diving. With the Advanced Open Water Certification, not only will you improve your skills, but you will learn new techniques.

After your knowledge development (academic portion), you will make five adventure dives in specialty areas of diving. Two are required of all divers: deep diving (beyond 60 feet) and navigation. The remaining three distinctive types of dives are chosen that interest you: Wreck Diver, Boat Diver, Peak Performance Buoyancy, and Fish Identification. These five dives will be done over 3 days.

REQUIRED PURCHASE: Course book and certification \$100.

SCIENCE

<http://blogs.ksbe.edu/khsscience/>

Science is the study of nature and the natural processes that govern our world and our universe. The scientific method is a way of gaining knowledge and understanding of these natural phenomena through systematic approaches. The Science Department offers various courses designed to encourage students to be curious about the world around them and thus enable students to become active and productive members of a scientific/technological society. Students will observe, ask questions, identify problems, perform experiments, analyze data, and draw appropriate conclusions. All courses are college preparatory; however, many students select a course of study that prepares them to pursue advanced scientific studies in college and science-related careers. Three years of science are required for graduation. To meet the wide range of interests and abilities of our haumāna, we offer Advanced Placement courses and fundamental courses that emphasize the investigative approaches to the subject matter.

Four years of science is recommended for students interested in pursuing science-related careers including medicine, dentistry, nursing, and engineering. Most colleges recommend two years of laboratory science: one biological science and one physical science. At the University of Hawai'i, it is preferred that applicants complete three years of laboratory science. As a department, we recommend the following course progression: biology, chemistry, and physics.

For more information on Science courses, please check the website at: <http://blogs.ksbe.edu/khsscience/>

Kamehameha graduates are expected to understand and be able to apply:

- (a) concepts, laws, and processes in the physical, chemical, and biological sciences
- (b) methods of scientific inquiry and reasoning
- (c) scientific knowledge in everyday life
- (d) social and environmental implications of scientific and technological development

Science Department goals include the following:

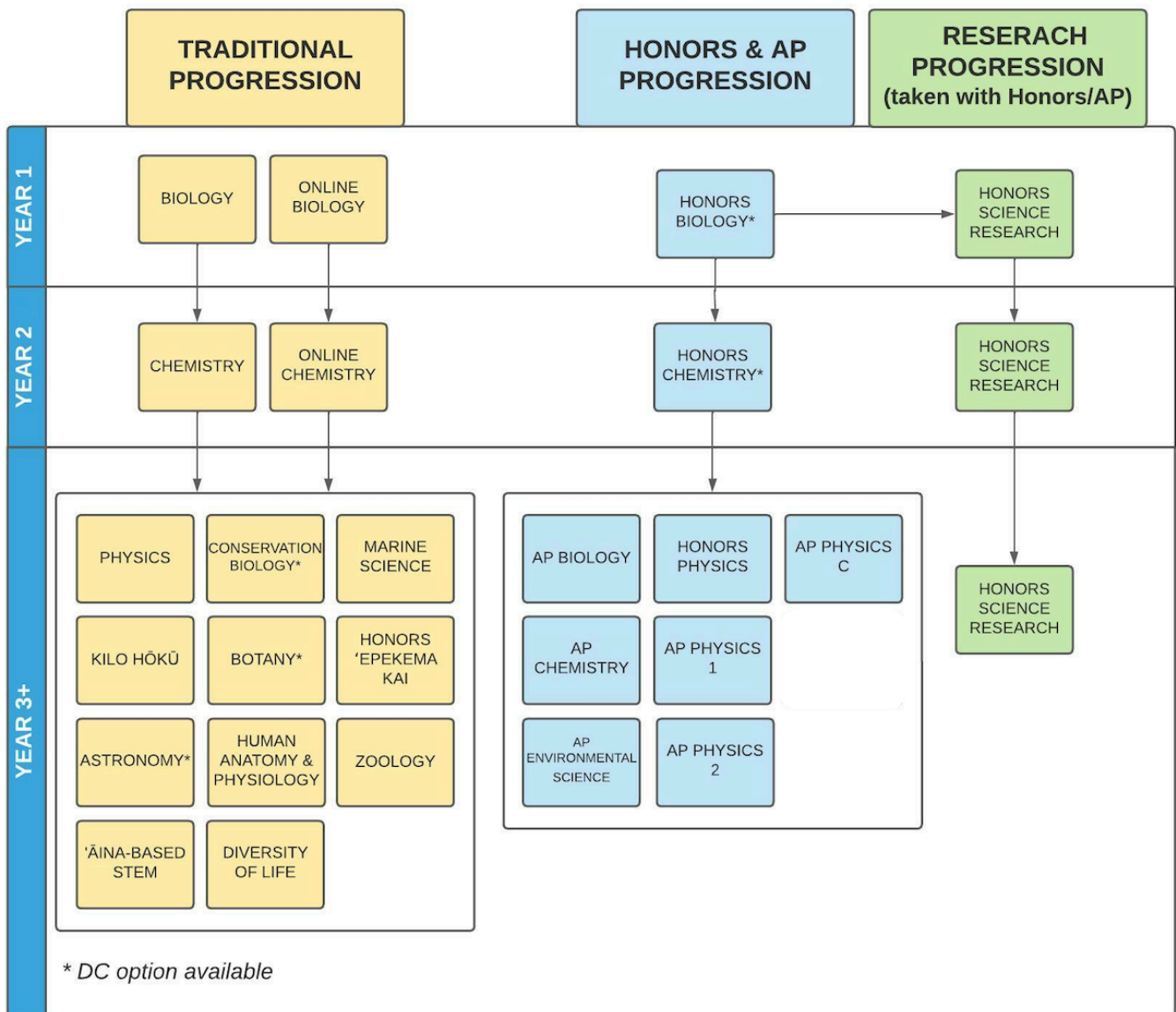
1. To teach students that science is relevant, engaging, exciting, and educational in a comfortable, well-equipped, and supportive environment
2. To prepare students to lead productive lives in a scientific/technological society

3. To provide students with sufficient science background to succeed in a school of higher learning after graduation from Kamehameha High School;
4. To develop skills of observing, hypothesizing, testing, analyzing, concluding, and communicating; and
5. To help students develop personal values and an appreciation for natural science.

The following information illustrates a recommended sequence of coursework in our science program.

SUGGESTED SCIENCE COURSE PROGRESSIONS

Updated 11/29/22



Traditional Progression - A foundation for all college level studies. These college preparatory courses will encourage students to pursue science-related careers.

Biology --> Chemistry --> Physics

Honors and Advanced Placement - Recommended as a preparation for science and engineering related fields.

Honors Biology

Advanced Placement Biology

Honors Chemistry

Advanced Placement Chemistry

Advanced Placement Environmental Science

Honors Physics

Advanced Placement Physics 1

Advanced Placement Physics 2

Advanced Placement Physics C

Specialized Science Courses - Designed to build upon the scientific foundations learned in the core and honors classes with the opportunity to explore the subject with more detail.

Botany

Conservation Biology

Honors Science Research

Marine Science

Honors 'Epekema Kai (Marine Science through 'Ōlelo Hawai'i)

Human Anatomy and Physiology

Kilo Hōkū (Celestial Navigation)

Astronomy

BIOLOGY



Biology [KH01161]

Year, Prerequisite: Concurrent enrollment in Core Algebra, Algebra 1A or 1B.
Open to Grades 9-12.

This is an introductory biology course for students who desire a general knowledge of biology and the natural world. The course covers the following major themes: biochemistry, cell biology, genetics, evolution, biodiversity, ecology, sustainability and conservation, and is designed to integrate local and global issues in the biological sciences. Students are given opportunities to perform laboratory exercises that demonstrate properties of biological systems and explore biological concepts. They will also conduct experiments, analyze data, and communicate their findings. Additionally, students will be involved in activities to help them recognize their connection and kuleana to the 'āina.



Honors Biology [KH01103]

Year, Prerequisite: Recommendation from prior science teacher and concurrent enrollment in Geometry A or higher. Open to Grades 9-11.

Honors Biology is a rigorous course that is strongly recommended for students who are interested in careers in medicine, engineering, and other sciences. This evolution and molecular-based course emphasizes inquiry and process skills, quantitative and statistical analyses, laboratory skills, scientific writing, problem-solving, and is designed to prepare students for Honors Chemistry, Advanced Placement Physics 1, and other Advanced Placement science courses. It is NOT a survey course of all of biology, rather it is focused on biochemistry, molecular biology, inheritance, evolution, and genetic engineering. Topics will be covered in greater depth and detail than in Biology. Students can expect 2-4 hours of weekly homework assignments.



Honors Biology DC Spring Semester - BIOL 1000-AGL, Hawaii Pacific University.

Spring Semester, Prerequisite: Concurrent enrollment in Geometry A or higher. Teacher Recommendation. Fall semester in Honors Biology required.

Students must register for a full-year of Honors Biology [KH01103] and will receive DC information and registration paperwork in Fall 2023 to opt into the DC course for semester 2.

Fulfills AA Distribution Requirement: The Natural World



NEW! Biology Online (BioBeyond, Parts A & B offered by Arizona State University Prep Digital) - This is an asynchronous course.



Year, Prerequisite: None. Fulfills 1.0 credit science of KHS graduation requirement. *Students must complete KHS paperwork in order to be enrolled in this online course.*

BioBeyond is a course that allows students to learn about living organisms, including humans, and their interactions with each other and their surroundings. This includes investigations regarding health: of human beings, animals and other organisms, and entire ecosystems. Students will learn how the advances in the study of biology impact society and each of us as individuals and, in turn, how we each have an impact on the organisms and environment around us. Ultimately and ideally, this will culminate in a newfound appreciation for the interdependence of life on Earth.





Advanced Placement Biology [KH01102 (Alt 10, 11, 12)]

Year, Prerequisite: B grade or better in Biology or Honors Biology and Chemistry or Honors Chemistry, and recommendation from prior science teacher; or instructor approval. Open to Grades 10-12.

Advanced Placement Biology is a college-level course focusing on the many aspects of biological science including the molecular, cellular, organismal, and ecological biology of plants and animals. This course is designed to provide in-depth instruction through a combination of lecture, seminar, and laboratory exercises and utilizes *Biology, by Campbell and Reese*, as the reference textbook. The course content and laboratory exercises generally follow that recommended by the College Board and are supplemented with unique material generated by the instructor. Some laboratory exercises are held on weekends to provide sufficient time for more involved experimentation. This course prepares students for the Advanced Placement Exam given by the College Board in May. Typically, 70-80% of students achieve a score sufficient to receive some college credit. Students are required to take the AP Biology exam in May.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester. Students will be required to do a research project.

CHEMISTRY



Chemistry [KH01111]

Year, Prerequisite: C or better in Algebra 1B and completion of Biology or Honors Biology; or recommendation from prior science teacher. Open to Grades 9-12.

This is an introductory chemistry course that integrates a variety of instructional methods (e.g., lectures, demonstrations, group work, laboratory exercises, on-line mastery, and projects), which will prepare students for college-level laboratory science classes. The course shows how one observes, classifies, and explains matter and the reactions matter undergoes. The atomic model is explained and developed throughout the year with emphasis on student experiences in the laboratory. Students are expected to own a scientific calculator.



Honors Chemistry [KH01130]

Year, Prerequisite: Satisfactory completion of Biology, B or better in Algebra 1B. Pass the chemistry pretest in Biology class and prior science teacher recommendation. Enrollment must be concurrent with Algebra 2A or higher, or instructor approval. Open to Grades 9-12.

Honors Chemistry is a rigorous lab-based course covering topics including: atomic structure, chemical reactions, kinetics, equilibrium, thermodynamics, periodic trends, gas laws, bonding, acids and bases, electrochemistry, and nuclear chemistry. Students are expected to study extra hours outside the classroom and have stronger math skills. Students are required to have a scientific calculator.



Honors Chemistry DC Spring Semester - CHEM 1000, Hawaii Pacific University.

Spring Semester, Prerequisite: B or better in Algebra 1B. Pass the math pretest and prior science teacher recommendation. Enrollment must be concurrent with Alg 2A or higher, or instructor approval. Fall semester in Honors Chemistry required.

Students must register for a full-year of Honors Chemistry [KH01130] and will receive DC information and registration paperwork in Fall 2023 to opt into the DC course for semester 2.

Fulfills AA Distribution Requirement: The Natural World



NEW! Chemistry Online (Critical Chemistry, Parts A & B offered by Arizona State University Prep Digital) - **This is an asynchronous course.**



Year, Prerequisite: None. Fulfills 1.0 credit science of KHS graduation requirement. *Students must complete KHS paperwork in order to be enrolled in this online course.*

In this course, students will investigate the chemistry around them: in medicine they take, services they use, and the food they eat. Each of the key topics covered is brought together under the umbrella of geohealth: the study of human health in the context of ecology, environmental science, climate change, agriculture, waste and water management, and diseases. The course is taught through real work case studies, where students take on the role of chemist, working with a team of experts to investigate medical or environmental issues. In these case studies, students learn about topics like atomic structure, phases of matter, stoichiometry, and thermodynamics in scenario-based learning where they complete projects that

require critical thinking, making and testing predictions, application, and synthesizing multiple concepts to succeed.



Advanced Placement Chemistry [KH01116 (Alt 10, 11, 12)]

Year, Prerequisite: B or better in Honors Chemistry and Algebra 2B, or consent of the instructor. Open to Grades 10-12.

Advanced Placement Chemistry is a college-level course and is a second year chemistry course equivalent to a general chemistry course usually taken during the first year of college. Topics covered will include but not be limited to: the structure of matter, kinetic theory of gasses, equilibria, kinetics, thermodynamics, bonding, solutions, reactions, organic chemistry. Students taking this course will understand the fundamentals of chemistry and develop competence in dealing with chemical problems. This course will help students develop abilities to think clearly and to express ideas orally and in writing with clarity and logic. Students are required to take the AP Chemistry exam in May. Students are required to have their own scientific calculator.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.

PHYSICS



Physics [KH01166]

Year, Prerequisite: C or better in Geometry. Open to Grades 10-12.

This is an introductory physics course that is designed to strengthen scientific literacy and provide a broad overview of physics and its application in daily life. This is a laboratory course with a wide variety of “hands on” activities as well as mathematical problem solving. Students will learn physics concepts such as motion, forces, energy, momentum, electricity, and waves, in addition to applying algebra to the physics concepts. Notebook and scientific calculator required.



Honors Physics [KH01119]

Year, Prerequisite: Recommendation from prior science teacher. Enrollment must be concurrent with Trigonometry or higher, or instructor approval. Open to Grades 10-12.

Honors Physics is a rigorous course designed to prepare students for demanding college physics classes and science-related careers. It is an algebra-based curriculum. A high level of mathematical ability is required. Honors Physics places heavy emphasis on problem-solving and mathematical modeling of physical

phenomena. Topics include motion, energy, momentum, electricity, and waves. This is a laboratory course with many “hands-on” activities.



Advanced Placement Physics 1 [KH01402]

Year, Prerequisite: Recommendation from prior science teacher. B or better in Algebra 2A and Algebra 2B required. Open to Grades 10-12.

Advanced Placement Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy and power; mechanical waves and sound. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



Advanced Placement Physics 2 [KH01404]

Year, Prerequisite: Completion of AP Physics 1. Open to Grades 11-12.

Advanced Placement Physics 2 is equivalent to a second-semester college-level course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



Advanced Placement Physics C (Calculus-Based) [KH01129 (Alt 11, 12)]

Year, Prerequisite: Completion of AP Physics 1. Enrollment must be concurrent in Calculus or higher. Open to Grades 11-12.

Advanced Placement Physics C is a calculus-based second year college-level physics course, which follows the Advanced Placement Physics C curriculum. 1st Semester – Mechanics, 2nd Semester – Electricity and Magnetism. Students will learn to work independently, with class time used for tutorial, lab, and small group work. Students are required to take the AP Physics exam in May.

AP EXAM FEE is approximately \$194.00, payable at the beginning of the second semester.

OTHER SCIENCE COURSES



NEW! 'Āina-based STEM [KH01426 (Alt 9, 10, 11, 12)]

Year, Prerequisite: Biology, C or higher in Algebra 1B. Fulfills 1.0 credit towards KHS science graduation requirement. Open to grades 9-12.

In this transdisciplinary course, haumāna will learn about local and global sustainability challenges and will brainstorm and enact meaningful solutions. Students will build STEM skills and explore STEM career pathways. They will engage in 'āina-based projects and lessons that will challenge their scientific and mathematical skills while applying engineering design concepts and multiple forms of technology, like digital software and physical tools/equipment. After learning about various STEM careers and building STEM skills, haumāna will take a deeper dive into the problems involving wai, kai, ikehu (energy), and 'ōpala and brainstorm possible solutions that could help create more sustainable futures. Additionally, haumāna will create a virtual STEM portfolio to showcase their deep thinking and learning throughout the year.



Astronomy [KH01424 (Alt 11, 12)]

Year, Prerequisite: None. Open to Grades 11-12.

Astronomy is the scientific study of the contents of the entire universe. This introductory course enables students to develop and apply knowledge of the universe and compare the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth as a system in space, the earth/moon system, the sun as a star, and stars. Emphasis shall be placed on concepts basic to Earth, including materials, processes, history, and the environment. Astronomy is a dual-credit, elective course offered in partnership with Hawai'i Pacific University (HPU). The course satisfies the graduation requirements of Kamehameha Schools High School Science, as well as requirements for Physics 1020 (Astronomy) at Hawai'i Pacific University.



Astronomy DC Spring Semester - PHYS 1020, Hawai'i Pacific University

Spring Semester, Prerequisite: None. Fall semester in Astronomy required. Students must register for a full-year of Astronomy [KH01424] and will receive DC information and registration paperwork in Fall 2023 to opt-in to the DC course for semester 2.

Fulfills AA Distribution Requirement: The Natural World



Botany [KH0xxxx (Alt 11, 12)]

Year, Prerequisite: Completion of Biology. Chemistry is preferred but not necessary. Open to Grades 11-12.

This lecture/lab course will have two major areas of focus: 1. Identification of Flowering Plant Families, and 2. Propagation of plants. Emphasis will be placed on part and important Angiosperm families, as well as the flora of Hawai'i. Student will learn and apply their understanding of plant anatomy and evolution in the identification of unknown plants, and learn to propagate plants by seed, cuttings, air layering, and grafting.



Botany DC Spring Semester - BIOL 2170, Hawai'i Pacific University

Students must register for a full-year of Botany [KH0xxxx] and will receive DC information and registration paperwork in Fall 2023 to opt into the DC course for semester 2.

Fulfills AA Distribution Requirement: Hawai'i and the Pacific



Conservation Biology [KH01409 (Alt 11, 12)]

Year, Prerequisite: Completion of Biology, Chemistry preferred but not necessary. Students that enroll in this course must register for DC Conservation Biology in Semester 2. Open to grades 10-12.

This undergraduate course is designed to introduce students to conservation biology: the nature of biodiversity, growing threats to biodiversity, and ecologically sound conservation and resource management practices designed to slow its loss. Special emphasis will be placed on conservation of biodiversity in Hawai'i and the role of traditional Hawaiian ecological knowledge in local conservation efforts. Students will examine, through multidisciplinary perspectives, the inherent connection between natural, social and economic systems, and their dependence on biodiversity. Conservation Biology is a dual-credit, elective course offered in partnership with Hawai'i Pacific University (HPU). The course satisfies the graduation requirements of Kamehameha Schools High School Science, as well as requirements for Biology 1500 (Conservation Biology) at Hawai'i Pacific University. This change in our offering is mainly in response to our move to HPU, as conservation biology and ethnobotany have distinct student demographics (vs. plant identification and ethnobotany with UH). This will also allow us more time to engage in meaningful science that satisfies the HPU course requirements as well as KS' E Ola standards.



Conservation Biology DC Spring Semester- BIOL 1500, Hawai'i Pacific University

Students must register for a full-year of Conservation Biology [KHO1409] and will receive DC information and registration paperwork in Fall 2022 to opt into the DC course for semester 2.

Fulfills AA Distribution Requirement: The Sustainable World



NEW! Diversity of Life [KH01427 (Alt 10, 11, 12)]

Year, Prerequisite: Biology. Fulfills 1.0 credit towards KHS science graduation requirement. Open to grades 10-12.

This project-based course will introduce haumāna to the unique, beautiful, bizarre, and extraordinary types of life on Earth, from the microscopic to the macroscopic. Haumāna will learn about organisms from the six biological kingdoms (Archaea, Bacteria, Protista, Fungi, Plantae, Animalia) plus viruses. Endemic species will be highlighted. Running themes for each kingdom include understanding what makes the organisms in each kingdom unique, the roles of those organisms in the environment, and the significance of those organisms to humans. In addition to lab investigations that will involve observing and studying actual organisms, haumāna will explore, research, and learn about organisms that interest them. By learning about the diversity of life, haumāna can begin to answer the overarching question of “What can organisms teach us?” and use nature’s wisdom to better take care of our Earth.



Advanced Placement Environmental Science [KH01417 (Alt 11,12)]

Year, Prerequisite: B or better in Biology and Chemistry, and recommendation from prior science teacher; or instructor approval. Open to Grades 11-12.

The goal of the Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. This course will investigate Environmental Science through the lens of Hawai'i's watersheds or ahupua'a and the effects of human activity within them.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.





Honors Science Research [KH01152 Sem 1 (Alt 10, 11, 12)] [KH01153 Sem 2 (Alt 10, 11, 12)]

Year, Prerequisite: Recommendation from prior science teacher and instructor approval. Open to Grades 10-12. Select students who are in Honors Biology may take semester 2 of Honors Science Research in the second semester of their Grade 9 year with approval from instructor and counselor. This is an enrichment course and may NOT be used to satisfy the science graduation requirement. May be repeated.

Honors Science Research is a challenging experiment-oriented course focused on giving students training and experience in contemporary research in science, engineering, and mathematics. Students are instructed in basic and advanced concepts of experimental design, oral presentation, and scientific writing. Each student designs and executes an original research project for presentation at the Kamehameha High School Science Fair. Qualified projects continue to the Pacific Symposium for Science and Sustainability, H AIS District Science and Engineering Fair, and the Hawai'i State Science and Engineering Fair. Exceptional projects may be selected for competition at the International Science and Engineering Fair and National Junior Sciences and Humanities Symposium. University-quality research facilities and numerous mentorship possibilities provide exceptional opportunities for the highly motivated students whose success is limited only by their willingness to work hard. Course requires some work and activities to be done after school, on weekends, and holidays and breaks.



Human Anatomy and Physiology [KH01179 (Alt 10, 11, 12)]

Year, Prerequisite: Completion of Biology and Chemistry, or instructor approval. Open to Grades 10-12.

The focus of this course is on the organ systems of the human body and how they work. This year-long course will cover the integumentary, muscular, skeletal, and nervous systems, as well as introduce students to directional medical terminology, and allow students to research various diseases plaguing our organ systems. This course will also address the following special topics in detail: Sports and Muscle Physiology, The Interaction of Drugs and the Human Body, and explore the special senses (smell, taste, hearing). The end of the course culminates in a trip to John A. Burns School of Medicine in Kaka'ako where students get a tour of the medical facilities and hear lectures from current doctors and medical students.

Any student considering a medical career or who is interested in personal health will find this course of great interest. Laboratory activities and research will be emphasized in this course.



Kilo Hōkū (Celestial Navigation) [KH01405 (Alt 10, 11, 12)]

Year, Prerequisite: Completion of Algebra 1B. Open to Grades 10-12.

Papa Kilo Hōkū will be an exploration into the introduction to Hawaiian views of astronomy and weather, with a focus on celestial bodies and how they are used as a way finding tool by Polynesian Voyaging Society trained navigators. It will also introduce the modern revival of voyaging and navigation in Hawai'i and Moananuiākea (Oceania). We will examine voyages by Hōkūle'a, Hawai'i Loa, and Hikianalia; canoe design, sailing dynamics, weather, and sail planning strategies used by Polynesian Voyaging Society trained navigators and non-instrument navigation practices. Our ability to care for the earth is directly related to our understanding of it. In this class, we will work to understand the basics of astronomy that allowed our ancestors to navigate the surface of the earth without the use of modern electronic equipment - relying solely on their understanding of their place among the stars.

In this course, we will work through an understanding of latitude and longitude and its relationship to terrestrial time. We'll map the celestial sphere and learn the constellations. We'll understand how the planets, Sun, and Moon move across the celestial sphere, and we will use a variety of methods to determine our location on the earth using stars as a guide. We will work to understand the math behind it all from spherical coordinate systems to trigonometry so that you can use the language of science (math) to obtain a scientific perspective of your place. As much as possible, this class will employ inquiry and project-based ideas to build our understanding of our place in this universe.

Finally, we will use our understanding of the past to build toward the future. Time permitting, we will work to understand the man-made stars (satellites) and goals and intent of modern astronomy. The class may involve multiple learning field trips and will most definitely require more than a few evenings out among the stars at various locations.

Math skills taught in Algebra 1 and Geometry will be applied frequently throughout the course.



Marine Science [KH01125 (Alt 11, 12)]

Year, Prerequisite: Completion of Biology and Chemistry, or instructor approval. Open to Grades 11-12.

This course focuses on the unique and fragile marine ecosystems of our islands. One of the main principles of Hawaiian society was the conservation of resources. The ability of the traditional Hawaiians to live in a finite ecosystem depended on marine knowledge and conservation ethics that should still be applied today. This course is divided into two sections: Oceanography (the physical and chemical aspects of the ocean) and Marine Biology (the living aspects of the ocean). Throughout the year, the interaction of humans with the ocean and the comparison of traditional and modern management principles will be analyzed. We will study the reef and all its inhabitants in great detail, and engage in field experiences at the Hawai'i Institute of Marine Biology in Kāne'ohe Bay.



Honors 'Epekema Kai Ma Ka 'Ōlelo Hawai'i (Marine Science through the Hawaiian Language [KH01416 (Alt 11, 12)]

Year, Prerequisite: Completion of Biology, Chemistry, and Hawaiian 3 or above, or interview with kumu. Open to Grades 11-12.

This is the first science department course offering at KSK to be taught entirely in 'ōlelo Hawai'i (Hawaiian language). The content covered will be comparable to the Marine Science course taught in English. Students motivated in the Hawaiian language will gain an additional layer of understanding of marine science by learning ma ka 'ōlelo makuahine. The course lends power to the language revitalization movement, showing that the Hawaiian language can be used in every contemporary context.

This course focuses on the unique and fragile marine ecosystems of our islands. One of the main principles of Hawaiian society was the conservation of resources. The ability of the traditional Hawaiians to live in a finite ecosystem depended on marine knowledge and conservation ethics that should still be applied today. This course is divided into two sections: Oceanography (the physical and chemical aspects of the ocean) and Marine Biology (the living aspects of the ocean). Throughout the year, the interaction of humans with the ocean and the comparison of traditional and modern management principles will be analyzed. We will study the reef and all its inhabitants in great detail and engage in field experiences at the Hawai'i Institute of Marine Biology in Kāne'ohe Bay.



NEW! Zoology [KH01428 (Alt 10, 11, 12)]

Year, Prerequisite: Biology. Fulfills 1.0 credit towards KHS science graduation requirement. Open to grades 10-12.

Zoology is a course that will examine the nine major phyla of the Kingdom Animalia. It will focus on the branch of biology that deals with animals, including classification, anatomy, physiology, development, interrelationships, distributions, habitat, behavior and conservation. This is a project-based course designed to reconnect students to the natural world, and the animal kingdom. The endemic, indigenous, native and extinct species of Hawai'i will be spotlighted in each unit. Hands-on learning will include lab investigations, exploration, research and discovery of Hawai'i's biodiversity. Students will become stewards of our 'āina (land) and animals, and understand the importance of the interdependence of the two, advocating for the preservation of species, and remembering what was lost.

Science-oriented clubs students may choose to participate in include:

- Hawaiians for Medicine
- HOSA - Future Health Professionals
- Hui Akeakamai
- Key Club
- QuarkNet
- Students Give Back

SOCIAL STUDIES

The purpose of the Social Studies Department is to empower learners to be informed, reflective thinkers, who are productive and responsible citizens, and caring members of society. Students will work to meet these goals as they continue to refine their knowledge of changing political, social, economic and technological characteristics of human society.

The social studies curriculum will offer students the opportunity to investigate being a native Hawaiian, examine their connection to their country and explore their relationships to other lands, peoples, and institutions. Students will also develop skills in critical thinking, reading, writing, analyzing, and synthesizing. Through investigation and research, students will weigh historical evidence and draw conclusions based on informed judgment. It is also imperative that students gain a firm understanding of who they are as Hawaiians and continue to develop their abilities to live as a Hawaiian in a global community.

Important Note: All students are limited to earning no more than 1.0 social studies graduation requirement credit during the course of three summers. For example, a student may take Hawaiian History (0.5 credit) and Economics (0.5 credit), or US History (1.0 credit), or World History (1.0 credit) in a summer. Administrative approval must be received prior to registering or taking credits beyond the 1.0 credit limit. If a student exceeds the 1.0 credit limit without prior administrative approval he/she will be required to repeat the course during the regular school year. The administration may approve exceptions to this policy for residential life students and for students who need to make up social studies credits during the summer.

HAWAIIAN HISTORY REQUIREMENT - GRADE 9 Class of 2026 and beyond

Hawaiian History 1 [KH03228]

Semester, Prerequisite: None. Open to grade 9.

Hawaiian History A is a course designed to teach students about ancient Hawai'i, western influence, and the political climate during the 1800s. Areas of study include the physical environment, origins, religion, society, government, and the economics of the native Hawaiian people. Class activities include reading, writing, researching and developing critical thinking skills.

Honors Hawaiian History 1 [KH03229]

Semester, Prerequisite: Recommendation by Grade 8 Social Studies teacher, recommendation by Social Studies Department Head, or has earned a B+ or higher in their previous Social Studies course. Open to grade 9.

This course is designed for students who have a special interest in learning about Hawaiian history and have demonstrated a commitment to achieving academic excellence. These students will take a scholarly look at various Hawaiian practices and political changes in ancient Hawai'i through the 1820s. Major areas of study include the physical environment, origins, religion, society, government, and the economics of the native Hawaiian people.

Emphasis will be placed on utilizing critical thinking skills, developing an understanding of key events in Hawaiian history, and applying this knowledge to real world concepts. Students will be required to compose an essay for a community audience, complete a minimum of two research projects and read an extensive amount of literature. Having the ability to complete assignments in a timely manner, follow instructions and communicate effectively is essential in meeting the needs of this course.

WORLD HISTORY REQUIREMENT - GRADE 10

Students are required to complete one of the following courses. Usually, the requirement is met by taking World History. Enrollment in the Honors, Dual Credit or Advanced Placement course is by recommendation of the teacher or approval of the Social Studies Department Head.



World History [KH03170]

Year, Prerequisite: None.

This is a global history course aimed at tenth-grade students that provides a cohesive approach to learning and understanding the history of the world. In this course, students will explore our collective history using stories about our connected human past to orient themselves to their “now” and prepare for the future. Students will study a wide variety of historical topics by applying historical thinking skills such as close reading, contextualization, sourcing, corroboration in order to gain a better understanding of the past while evaluating competing narratives. Throughout the course, students will look within and across time periods to see both how humans have grown more integrated, interconnected, and similar, and how we've remained fragmented, autonomous, and different from each other. This course also seeks to

provide students with a place of standing in which they are able to view, interpret, analyze, and make sense of the world around them while keeping their feet grounded in Hawai'i. This is a reading and writing intensive course.



World History DC [KH03278 (Alt 10)] HIST 1001 & HIST 1002, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete paperwork will be registered into the non-DC course.

***HIST 1001** Fulfills AA Distribution Requirement: Traditional Movements that Shape the World*

***HIST 1002** Fulfills AA Distribution Requirement: Global Crossroad and Diversity*



NEW! World History Online (Parts A & B, World History offered by Arizona State University Prep Digital) - This is an asynchronous course.



Year, Prerequisite: Completion of Hawaiian History A. Open to grade 10. Fulfills 1.0 credit of social studies (World History) KHS graduation requirement. *Students must complete KHS paperwork in order to be enrolled in this online course.*

In Part A, you'll explore major historical events around the world throughout. In the first unit, you'll develop your historical thinking skills. In the second and third units, you'll learn about the major religions and classical civilizations of several regions around the world. In the fourth unit, you'll examine the origins and developments of European exploration. In the fifth unit, you'll learn about the causes and effects of the Renaissance and the Reformation. In the sixth unit, you'll explore revolutions that occurred from 1789 to 1848, including the Scientific Revolution, the American Revolution, and the French Revolution

In Part B, you'll explore major historical events around the world. In the first unit, you'll explore the causes and effects of the Industrial Revolution, the spread of nationalism in Europe, and the Russian Revolution. In the second unit, you'll analyze imperialism in the late nineteenth and early twentieth centuries and examine the causes and consequences of World War I. In the third unit, you'll study World War II, analyzing the factors that started the war and the impact of the war. In the fourth unit, you'll explore the rise and fall of communism in the Soviet Union and China and learn about the Cold War between the United States and the Soviet Union. In the fifth unit, you'll analyze the effects of decolonization in Southeast Asia and Africa. You'll also study the modernization of China and the rise of nationalism

in the Middle East. In the last unit, you'll explore economic globalization and evaluate the benefits and challenges of living in the modern world.



Honors World History [KH03133]

Year, Prerequisite: Recommendation by Social Studies teacher or Social Studies Department Head.

Honors World History is a course that enables students to develop a greater understanding of the global processes, encounters, and interactions that have shaped human history since its beginning. The course utilizes a chronological approach that highlights key historical topics in order to help students understand important patterns and themes. In Honors World History, students will learn history by thinking like historians: asking questions, analyzing evidence, and constructing fact-based arguments using both primary and secondary sources from multiple perspectives. This course is both reading and writing intensive in that students are required to read selected historical novels, write analytical essays, and do historical research. Other academic activities include debates, Socratic seminars, film responses, and mapping exercises. The study of current events (global, national, and local) is also a regular feature of the course in order to help students make connections between the past and present. While Honors World History seeks to help students make sense of the global world they live in, it also requires students to understand that learning in the context of their native Hawaiian identity.



Advanced Placement World History [KH03101 (Alt 10)]

Year, Prerequisite: Recommendation by social studies teacher or Social Studies Department Head.

AP World History is a college-level course that analyzes global patterns of historical development and exchange from about 8000 B.C.E. to the present. Using primary and secondary sources, AP World History students will track historical change and continuity within and across six periods of study, paying close attention to unifying course themes and accompanying learning objectives. The course will foster the development of historical and critical thinking skills, chronological reasoning, causation, comparison, contextualization, argumentation, interpretation, and synthesis. Students who earn a satisfactory average or higher will receive a weighted grade for this class, but are *required* to take the College Board Advanced Placement Exam in May.

AP EXAM FEE: \$97.00 – payable at the beginning of the second semester.

U.S. HISTORY REQUIREMENT - GRADE 11

Students are required to complete one of the following courses. Usually, the requirement is met by taking U.S. History. Enrollment in the advanced placement and honors sections is by recommendation of the teacher and approval of the counselor only.



U.S. History [KH03165]

Year, Prerequisite: None.

This course emphasizes U.S. History in the 20th century. It combines a traditional approach of cause and effect relationships presented in chronological order with an interactive program of skill-oriented tasks. Students will increase skills in writing, reading, and listening, as they learn about the origins and development of America's government, economy, society, and culture. To complement the text, students will be engaged in problem-solving activities in groups, and other skill-oriented tasks, that encourage the use of multiple intelligences to view, touch, interpret, and act out historical events. To ensure that students become future participants in the American political process, emphasis will be placed on understanding important features of the structure and function of government, and awareness of current issues. A standard research term paper or National History Day project will be completed to enhance students' critical thinking and writing skills.

U.S. History through Sports [KH03286]

Year, Prerequisite: None. Meets credit for U.S. History graduation requirement

This U.S. History course focuses on how athletics and culture reflect current events in America during the different eras in United States history, primarily doing the 20th century. NASCAR originated out of the Prohibition Era of the 1920s, Title IX mandating equality between men's and women's sports, and the "Miracle on Ice" in the 1980 Winter Olympics are just a few examples. We will be learning about different eras from Industrialism into the 20th century and up to the 21st century through the lens of sports that illustrated and/or reflect the socio-cultural temperature of the time. This course will be a **reading and writing intensive course** that will strive to develop research, analytical, critical thinking, and communication skills through writing and discussion. A major research project will be completed to enhance these skills as well.

U.S. History through American Fashion and Design [KH03277]

Year, Prerequisite: None. Meets credit for U.S. History graduation requirement

Through the lens of the American fashion industry, this course will cover a wide range of political, social, economic, and cultural components of the history of the United States starting with the American Revolution and ending with present-day issues. Significant fashion changes in men's and women's clothing attire will be a key component to examine in U.S. History as men's and women's clothing attire made a dramatic impact on political and military leaders, business and technology, social and cultural norms, and historical events. Identifying various eras in United States History will also be looked at and studied through the American fashion industry.



US History through Media [KH03269]

Year, Prerequisite: None. Meets credit for U.S. History graduation requirement

This U.S. History course focuses on the power of media as a method of expressing both written and visual language. This class covers how key events in America were critically affected by various methods of communication from newspapers, film, and radio to television and social media. Students will have the opportunity to learn about the evolution of the media throughout its history. In addition, students will analyze the power of journalists to influence U.S. society, helping to shape America's development. Examining the impact of media, students will also discover how American individuals and groups utilized mass media to further their goals and interests. A research project will be completed to enhance student's critical thinking and writing skills. This course will be reading and writing intensive.



Honors U.S. History [KH03166]

Year, Prerequisite: Recommendation by Social Studies teacher or Social Studies Department Head.

This U.S. History course emphasizes the skills necessary to develop young historians who view history from an empathetic and critical lens. The course provides students with a comprehensive study of America's economic, political, and social history and emphasizes lessons on race, class, gender, and the environment. This course is reading and writing-intensive in order to promote deep and complex thinking of the historical concepts studied. Students engage in the themes of US History by primarily reading journal articles and primary source material curated for discussion and debates in class. All students will participate in The National History

Day research project, which provides an opportunity for students to develop historical research skills, historical argumentation, and communication.



Honors U.S. History Through An Environmental Lens [KH03256]

Year, Prerequisite: World History.

This is an Honors course designed for students who are passionate about environmental issues locally, nationally, and globally. Environmental history is the study of the interaction between culture and nature in the past, and so this course will delve deep into how the culture and historical development of the United States has interacted with the US environment. This course seeks to bring historical context to relevant current issues in Hawaii like windmills, water rights, and food sovereignty and will investigate the constant conflict between human needs and wants and trade-offs with the environment. The course will encourage students to examine how individuals and groups in the United States and Hawai'i have been agents of the environment. In addition, students will participate in the National History Day research project and choose a topic related to environmental history. The course is reading and writing intensive.



U.S. History through Gender Studies [KH03265 (Alt 11)]

Year, Prerequisite: None. Recommendation by Social Studies teacher or Social Studies Department Head. Meets U.S. History graduation requirement.

This course will investigate the history of women in America and the role of gender in society. The first half of the course will focus on how women played an active role in shaping American society despite obstacles, focusing predominantly after the Civil War to the present. While recognizing larger trends and identifying common experiences, this course also highlights the individual stories of women in the national narrative. Additionally, this course will examine how gender, race, class, and religion played an important part in shaping U.S. History. The second semester will focus on Women and Gender Studies and many of the issues will show the correlation between the past and current events. Examples of topics include perceptions of beauty, gendered violence, and LGBTQ+ issues. Students will be engaged primarily in independent work, with cooperative learning activities and discussions. This course will be reading and writing intensive.



U.S. History through Gender Studies DC [KH03264 (Alt 11)] HUM 1270 & HIST 1402, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete paperwork will be registered into the non-DC course.

HUM 1270 & HIST 1402 Fulfills AA Distribution Requirement: The American Experience



Advanced Placement U.S. History [KH03102 (Alt 11)]

Year, Prerequisite: Recommendation by social studies teacher

This course gives students a thorough grounding in US History from pre-colonial times to the present. The course content is fast-paced and reading and writing intensive. Students will consider big historical dilemmas and develop skills in evidence-based argumentation. The course encourages students to become historians and develop their historical imagination through reading primary and secondary source material and through the National History Day research project, the nationally recognized history research competition. Students will also participate in high-level socratic seminar discussions, mini-debates and will be able to apply their creative side in special projects. Students will also learn and practice the techniques and strategies for taking the AP Exam in May over the course of the year. This includes primary document interpretation and writing strategies. The course prepares students for the AP exam in May. There are required summer reading and writing assignments to complete by the end of the summer prior to the course.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.

HAWAIIAN HISTORY REQUIREMENT - GRADE 11 OR 12

Classes of 2024 & 2025 only

Students are required to complete one of these courses in either grade 11 or 12. Enrollment in the honors section is by recommendation of the teacher and approval of the counselor only.



Hawaiian History [KH03207] Class of 2024 and 2025 only

Semester, Prerequisite: None

The primary goals of the Hawaiian History course are that 1) Students will see the importance of cause/effect relationships, 2) Students will develop skills critical for future success (i.e. critical thinking, writing, working with others, technology application), and 3) Students will develop a love for learning and an appreciation of history. Students will achieve these goals by understanding how numerous historical events and people affected previous generations of Hawaiians and how these events continue to influence people. The main focus of this course begins with the Development of a Classical Hawaiian Society and continues through to our contemporary setting. Stressed throughout the course are Hawaiian concepts,

events, people, places, and values that have shaped the history of the Hawaiian people.

REQUIRED PURCHASE: Purchase of text/materials may be required (estimated cost is \$15.00).



Honors Hawaiian History [KH03248] - Class of 2024 and 2025 only
Semester, Prerequisite: None

As with the regular Hawaiian History course, Honors Hawaiian History focuses on the development of the political, economic, and social structures within Hawaiian society from the origin of the Hawaiian people to the present. In addition, however, this course curriculum emphasizes a conceptual and detailed understanding of significant events and their effects.

Students are expected to glean both, a breadth and depth of knowledge from the extensive reading materials. They will also be required to research, analyze, and interpret primary and secondary resources. The course is writing intensive, as writing assignments are the major means by which students demonstrate an understanding of the material.



Honors Papa Mō‘aukala Hawai‘i (Hawaiian History through the Hawaiian Language) [KH03251]

Semester, Prerequisite: Prior attendance at a Hawaiian Immersion school and/or B grade or higher in Honors Hawaiian 4. Open to Grades 11-12.

Conducted in Hawaiian, this Hawaiian History course allows students to apply Hawaiian language skills (reading, writing, listening, and speaking) to a social studies course. Hawaiian History will emphasize Hawaiian leadership from the rise of Kamehameha Pai‘ea and continue through to our contemporary setting. Students will be expected to read various handouts and engage in class discussions in helping them to understand how numerous historical circumstances affected previous generations of Hawaiians and how these events continue to influence their generation. In addition, students will conduct research and present the information both written and orally in Hawaiian. This course will have an emphasis in Hawaiian leadership and focus on project



NEW! Honors Nā Wāhine Mana (Honors Hawaiian History through Powerful Hawaiian Women) [KH03222 (Alt 11,12)]

Semester, Prerequisite: Recommendation from prior Social Studies teachers and/or Social Studies department head. Open to grades 11 & 12.

This course, taught in English, identifies and examines the wahine (of Hawaiian ancestry) leaders of Hawai'i along with the events, issues and affiliations of their discretion in the course of Hawaiian History. The wahine leaders who lead social change in Hawaiian society will also be explored and evaluated. Influential women from the Hawaiian community will be invited to share the success of their personal leadership styles along with their life's passions as we reveal and honor the desirable women of the past, present, and future. Although this course will focus on wahine leaders, haumāna will also learn and compare leadership styles with our male leaders of past and present.

As this is an honors course, students are expected to glean both a breadth and depth of knowledge from the extensive reading materials. Students will do extensive research including the use of primary and secondary resources to research, analyze, interpret and synthesize historical happenings in Hawai'i. Students will be engaged in independent work and projects along with cooperative learning activities and discussions. This course will be reading and writing intensive.

Hawaiian History through Art [KH03263 (Alt 11, 12)]

Semester, Prerequisite: None

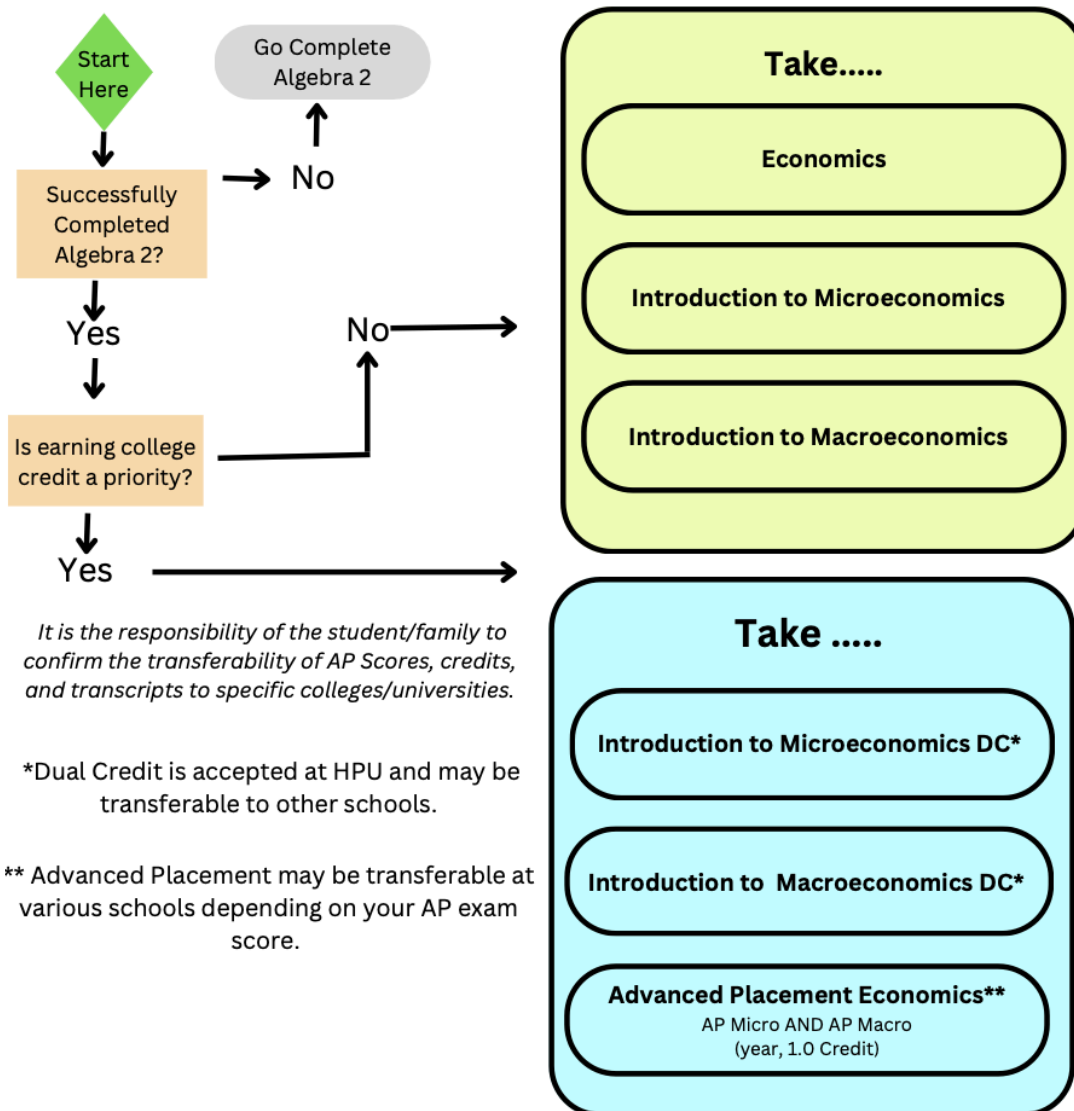
*This course satisfies the HAWAIIAN HISTORY social studies class requirement. This course can also be taken in addition to Hawaiian History and will then count as a Social Studies elective. Open to grades 11-12.

Hawaiians have used various hana no'eau and art forms, such as oli, mele, hula, weaving, kapa, kākau uhi, feather work, carving, lei, and other hana no'eau, to capture history for thousands of years without the use of a written language. We, as Hawai'i, continue in this tradition of capturing mo'olelo through various art forms and use our artistic platforms to create modern poetry, theater, drawings, paintings, and 3D art pieces. We are also perpetuating our traditional hana no'eau as we continue to infuse in art, our mo'olelo, past and present, on a now truly global stage. In this course, we will explore history through the examination of traditional and contemporary art forms that are connected to specific events and people throughout Hawai'i's history.

As with the regular Hawaiian History course, Hawaiian History through Art - traditional and contemporary art - focuses on the development of the political, economic, religious and social structures within Hawaiian society from the origin of the Hawaiian people to the present. In addition, however, this course curriculum emphasizes various traditional and contemporary art forms and pieces that were pivotal throughout Hawai'i's history. All academic writing, i.e. thesis papers, will involve the analysis of one or more traditional or contemporary art piece(s) and their religion, impact, and importance to specific events and people of the era. Assessments in this course will incorporate traditional and contemporary art forms.

ECONOMICS REQUIREMENT - GRADE 11 OR 12

Students are required to complete one of the following courses in either grade 11 or 12 to satisfy the .5 credit KHS Graduation Requirement for Social Studies



Classes of 2024 & 2025 only



NEW! Economics [KH0xxxx]

Semester, Prerequisite: None

Gain the knowledge and skills necessary to successfully make decisions and manage your personal finances, such as budgeting, credit, and building wealth. You will learn to utilize economics analysis to make informed decisions when planning your career, making purchases, and planning for your future. Learn concepts based in Micro, Behavioral, and Consumer Economics that will help you make informed decisions in your everyday life.



Introduction to Microeconomics [KH03271]

Semester, Prerequisite: None

Gain the skills necessary to successfully manage your personal finances, such as budgeting, personal taxes, and paying for college. Learn you can make the best choices possible through the use of economic analysis, and how those decisions affect our society. Prepare for future study in business, science, engineering, mathematics, philosophy, and other related fields. Students may take either Introduction to Microeconomics or Introduction to Macroeconomics to fulfill their graduation requirement.



Introduction to Microeconomics DC [KH03273] ECON 2010, Hawai'i Pacific University

Semester, Prerequisite: Successful completion of Algebra 2B prior to start of enrollment.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Critical Thinking and Expression



Introduction to Macroeconomics [KH03121]

Semester, Prerequisite: Successful completion of Algebra 2 and U.S. History prior to start of enrollment.

Analyze how systems in our society interact and affect us, from a big-picture perspective. Prepare for future studies in finance, law, politics, community leadership, or non-profits. Gain the skills necessary to effectively manage personal

finances, including budgeting, taxes and saving. Develop APA research and writing skills as well as graphical analysis.



Introduction to Macroeconomics DC [KH03272] ECON 2015, Hawai'i Pacific University

Semester, Prerequisite: Successful completion of Algebra 2 and U.S. History prior to start of enrollment.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Traditions and Movements that Shape the World



NEW! Advanced Placement Economics [KH03126]

Year Prerequisite: AP Economics is open to juniors and seniors who received approval from current math and history teachers and will be concurrently enrolled in Precalculus or higher.

This year-long college-level course begins with a focus on the principles of microeconomics as it pertains to individuals, businesses, and organizations within the economic system. This course continues with a focus on the principles of microeconomics that applies to the economic system as a whole. Students will be prepared for both the AP Microeconomics and AP Macroeconomics exams in the spring.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.

SOCIAL STUDIES ELECTIVES

In addition to the required courses, the social studies department offers a broad selection of elective courses that may be taken in the junior and senior years. The offering of the following courses depends on sufficient student interest as expressed through registration.

Advanced Child Development [KH03190 (Alt 11, 12)]

Year, Prerequisite: None. Open to Grades 11 and 12.

We will examine the process of human development and growth from birth to age eight. Students learn about major theories of child development and think critically

about the effects of environments (i.e., conditions and practices) on development and growth. Emphasis is placed on appreciating one's own developmental process. Students' beliefs and values about children and their development will shape and shift, and they will begin to articulate who they desire to become for their 'ohana as future parents and caregivers. Learning may extend beyond the classroom in Semester 2 and culminate in a preschool or primary classroom pending State and program COVID-19 restrictions. Students will build their capacity to work with children to support optimal development and growth.



Advanced Placement Government and Politics [KH03255 (Alt 11, 12)]

Year, Prerequisite: Recommendation by a social studies teacher.

Over the course of the year, this course will examine the key political policies, institutions, and structures that make up the government in Hawai'i, the United States, and across the globe. The course will teach students to understand the context of political actions and evaluate their effectiveness in solving unique problems across the world. The first semester will be devoted to the study of the United States Government, while the second semester will focus on comparing governments across the world such as China, Russia, Iran, Nigeria, Great Britain, and Mexico. This course may be appealing to students who are interested in topics of politics, government, sovereignty and formation of governments, and societal change.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.

Independent Living [KH03192 (Alt 11, 12)]

Semester, Prerequisite: None. Open to Grades 11 and 12.

"Failing to prepare is like preparing to fail." This adage may reflect the focus of this course, as students will prepare for all that is to be experienced in adulthood. Students will be provided with opportunities to apply consumer skills to decisions about their career, civic responsibilities, personal finances, housing, etc. Students will plan for a future that is defined by them, so that they can achieve maximum satisfaction. Students interested in truly preparing for the realities of adulthood are encouraged to enroll in this course.



The International System [KH03143 (Alt 11, 12)]

Semester, Prerequisite: None, but Introduction to Political Science recommended. Open to Grades 11 and 12.

In this college-level course, students will understand the history of the International System, International Relations (IR) as a discipline as well as the major theories of IR. Students will also learn about theory - what it is and different kinds of theories. Equipped with this fundamental knowledge, you will then explore the key topics forming the core of International Relations:

- the evolution of sovereign states,
- the causes of war and conflict
- the struggle for peace and international organizations
- international political economy

Other topics which may be covered under the label of International Relations, but this course is designed as a complete introduction to give students a solid knowledge and understanding of the core elements of the discipline.



The International System DC [KH03142 (Alt 11, 12)] INTRO 1000, Hawai'i Pacific University

Semester, Prerequisite: None, Introduction to Political Science recommended. Open to grades 11 & 12.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Global Crossroads and Diversity



Introduction to Political Science [KH03252 (Alt 11, 12)]

Semester, Prerequisite: Successful completion of or concurrent enrollment in US History. Open to Grades 11 and 12.

This college-level course is meant to expose students to varying institutions, perspectives, and philosophies relating to power and government. This course prepares students to begin studies leading towards degrees and careers in government, law, community organizing, and other fields. This course has a particular emphasis on the politics of Hawai'i, both in the present and past.



Introduction to Political Science DC [KH03253 (Alt 11, 12)] PSCI 2000, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Traditions and Movements that Shape the World



Psychology [KH03149 (Alt 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 10, 11 and 12.

The Psychology course introduces haumāna to the skills and knowledge of the science of human behavior, specifically the theories, terms, concepts, and methods psychologists use to study and explain the behavior and mental processes of human beings. In order to make more sense of the world around them, haumāna will apply psychological principles to the analysis and discussion of case studies, the application of psychological concepts through project based activities, and incorporate critical thinking skills and the social science research process to the exploration and research of human behavioral issues. Topics of study include psychological research methods, neuroscience, forms of consciousness, human development, intelligence, motivation, personality, social, and clinical psychology. Mature and sensitive content will be a part of the course.



Psychology DC [KH03275 (Alt 10, 11, 12)] PSYC 1000, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Critical Thinking and Expression



Advanced Placement Psychology [KH03155 (Alt 11, 12)]

Year, Prerequisite: A short discussion with the AP Psychology teacher prior to enrollment. Open to Grades 10, 11, and 12.

Psychology is a science that seeks to answer questions about us all—how and why we think, feel, and act as we do. The course is equivalent to an introductory college course and is designed to introduce students to the systematic and scientific study of human behavior and experience, and to prepare students to successfully complete the AP Exam. Haumāna will develop the skills and knowledge of psychology through critical thinking and analysis of psychological theories and case studies, and the application of psychological concepts through project based activities and in everyday life. Students will learn about the psychological facts, principles, and phenomena associated with each of the major subfields within psychology, including the biological bases of behavior, developmental psychology, sensation and perception, states of consciousness, learning, memory, cognition and

intelligence, motivation and emotions, personality, psychological disorders, and mental health therapies, and social psychology as well as the ethics and methods psychologists use in their science and practice. Mature and sensitive content will be a part of the course. Students will be required to take the Advanced Placement Exam for Psychology in May.

*AP EXAM FEE: \$97.00 - payable at the beginning of the second semester.



Sociology [KH03153 (Alt 11, 12)]

Semester, Prerequisite: None. Open to Grades 11 and 12.

Sociology is the study of group behavior through venues such as culture, relationships, social structures, social problems, and social change. Sociological concepts will be learned through group work, observations and analyzing society via media including movies, television, the Internet, and articles. Students may be asked to participate in the community in order to promote civic engagement and hopefully, a sense of connection and responsibility towards their social environment. The goal of this class is to expose students to new perspectives in hopes of bringing awareness to their social environment, equipping them to make informed and educated choices.



Sociology DC [KH03267 (Alt 11, 12)] SOC 1000, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: The American Experience

SPEECH

Speech courses are a graduation requirement. These courses encourage the development and maintenance of a student's communication skills—thinking, researching, organizing, speaking, and listening. The following courses fulfill graduation requirements:

***Starting with the class of 2026, the new Speech Requirement is 0.5 credit hours taken ANY semester between grades 9-12.**

For the classes of 2024 and 2025 only:

Grade 11 or 12: One semester (0.5 credit)

(The choice is made on the basis of teacher recommendation and student interest.)

COURSE OFFERINGS ARE AVAILABLE TO:

	Gr9	Gr10	Gr11	Gr12
Speech Communication or Speech Communication DC	x	x		
Honors Argumentation & Debate	x	x	x	x
Honors Interpretation & Public Speaking	x	x	x	x
Advanced Speech Communication* or Advanced Speech Communication DC*			x	x
Media Communication & Technology* or Media Communication & Technology DC*			x	x
Social Justice & Advocacy			x	x

**Prerequisite needed*

Some speech courses may be taken or repeated for elective credit. See the course descriptions for this information.



Speech Communication [KH02402]

Semester, Prerequisite: None. Open to grades 9 and 10.

This course is designed to develop basic communication skills including the ability to: think critically, research for speech information, organize information appropriately for oral presentation, communicate with clarity and confidence, and

respectfully listen for understanding. Students will also gain an understanding of the communication process with an emphasis on the mutual responsibility of the speaker and the listener. Speaking experiences include informal activities, as well as, introductory, impromptu, informative, and persuasive speeches.



**Speech Communication DC [KH02404 (Alt 9, 10)] – COMM 1000,
Hawai'i Pacific University**

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Critical Thinking and Expression



Honors Argumentation & Debate [KH02444]

Formally known as Honors Public Forum Debate

Semester, Prerequisite: None. Open to Grades 9-12, to fulfill speech requirements. Course may be taken or repeated for speech course credit in 9-10 and/or 11-12, or as an elective.

This course is for students who have demonstrated above-average ability in speech and who have an interest in learning about persuasive speaking through beginning argumentation and debate. Classwork requires: critical thinking; extensive research and reading; understanding of choice, use, and organization of information; knowledge and use of logic, reasoning, and argumentation; further development of listening and speaking skills as well as participating in pair activities. Class experiences include informal speaking and listening activities and participation in various forms of debate styles, possibly including Public Forum, Congress, Lincoln-Douglas and Worlds Debate. Students must be willing to work in pairs, with assigned partners, during this course.



Honors Interpretation & Public Speaking [KH02442]

Semester, Prerequisite: None. Open to Grades 9-12, to fulfill speech requirements. Course may be taken or repeated for speech course credit in 9-10 and/or 11-12, or as an elective.

This course is for students who have demonstrated above-average ability in speech and who have an interest in interpretive and public speaking activities. This class blends the creativity and delivery of storytelling and/or poetry reading with the formal presentation skills of a newscaster (e.g. impromptu speaking). Classwork requires: critical thinking and listening, extensive research and reading; organization of materials, memorization, and writing/editing as students work in the areas of

interpretation of literature, and informative and persuasive speaking. Students must be willing to perform regularly in front of peers as well as the Kumu.

Advanced Speech Communication [KH02409]

Semester, Prerequisite: Speech Communication. Open to Grades 11 and 12. Not available to grades 9 and 10.

This course is designed to expand student skills in critical thinking and listening, research and organization, and delivery. The course emphasizes the real-world application of persuasive speaking and research through job and personal interviewing, persuasion in marketing, and the development of debate and argumentation skills.



Advanced Speech Communication DC [KH02411 (Alt 11,12)] – COM 2000, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Critical Thinking and Expression

Media Communication & Technology [KH02450 (Alt 11, 12)]

Formally known as Broadcast Journalism, Electronic Media & Communication Technology (EMCT).

Semester, Prerequisite: Completion of Speech Communication or approval of speech teacher or Department Head. Open to Grades 11 and 12. Fulfills 11-12 Speech requirement.

This course is designed for students who have an interest in learning about the field of broadcast journalism and/or are considering careers in communication. The purpose of this course is to develop awareness and literacy of media and information. Classwork requires analyzing media from cable news networks, Internet news networks, social networking websites, aggregation news resources, vanguard journalism, and participatory journalism sites. Students will also be required to create news stories suitable for television broadcast based on the following skill sets:

PRE-PRODUCTION

- pitching a news story
- researching topic and writing a formal broadcast script
- preparing interview questions

- storyboarding news story
- resource coordination and scheduling

PRODUCTION

- Investigative reporting - (interviews, stand-ups and voice-overs)
- Gathering additional reporting materials - (b-roll and graphics)
- Filming news story via studio equipment (video and audio)

POST PRODUCTION

- final news package via editing software

Job and personal interviewing are requirements of this course. Students in this course are required to participate as a News Anchor on the live daily school broadcast “*Puka Mai Ka Lā.*” The Speech Department and Video Production Department collaboratively teach this course.



Media Communication & Technology DC (Formally known as Broadcast Journalism and Electronic Media and Communication Technology.)

[KH02452 (Alt 11,12)] – MC 1000, Hawai‘i Pacific University

Students must complete Hawai‘i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective



Social Justice and Advocacy [KH02451 (Alt 11, 12)]

Semester, Prerequisite: None. Ope to Grades 11-12.

The course empowers future ‘ōiwi and lāhui leaders by using foundational knowledge of the U.S. Government, Constitution, and judicial systems (federal and state) to advocate for social justice. This course explores the concepts of justice, conflict, and social change and examines the ways in which political, economic, media, education, and other institutions create challenges for justice. The course also examines efforts to resist existing structural and institutional arrangements and encourage social change to better meet the needs of both their local, state, and national communities.

STUDENT LEADERSHIP

Student Leadership [KH08405]

Year, Prerequisite: Elected or Appointed Class Officer, ASKS Student Council Officer or Appointee.

The Student Leadership class was created with two general goals in mind:

1. To provide a learning laboratory for students to learn leadership skills through direct involvement with student government and the governing process.
2. To utilize the leadership period to include directed time for learning, planning, coordinating and evaluating school/class projects and official duties.

Working with respective class advisors, students concentrate on servicing concerns and solving problems unique to their grade level or of the student body as a whole. All student leaders, elected and appointed, must enroll in this course.

Students taking this course will develop a working knowledge of communication skills; criteria referenced problem solving; planning, developing and analyzing budgets; the ASKS Constitution; fundamentals of group processing; record keeping; planning events and activities; fundamentals of meetings (formal Parliamentary Procedure, and informal); evaluation of activities; concepts of leadership and group participation; report writing; public speaking; Hawaiian leadership and protocol and accountability of leaders. Emphasis will be put on building 'ōiwi leaders. Focusing on such things as self and peer-advocacy. Haumana will also learn the value of being confident and empathetic leaders who are grounded in cultural, spiritual and globally-minded servant leadership.

Students in this class will receive letter grades based on how they perform the functions of their respective offices, their classroom assignments, test scores and the completion of their assigned activities. **ASKS students are required to attend a mandatory leadership retreat workshop in the summer and all leadership students are required to attend a mandatory 2.5 day leadership retreat in the fall.**

Student Leadership is an elective course. It cannot be used to meet specific subject graduation requirements - e.g., speech or English required credits. Thus, student leaders should be aware that it may be necessary to attend summer school to meet graduation requirements.

STUDENT SUPPORT CENTER

NEW! College Test Preparation Online [KH0xxxx] Credit/No Credit

Semester, Prerequisite: Completion of Algebra 1A & 1B. Completion of English 9 or concurrent enrollment in Honors English 9.

The College Test Prep Online is a course designed for driven students who drive to achieve higher scores on their PSAT/SAT/ACT test offered by the College Board and ACT. Students will be responsible to complete online course material asynchronously and meet synchronously for instruction and support. The course will nurture student growth in the following areas: implementing test taking strategies, become more comfortable in a timed test environment, learning the prerequisite material for both verbal and mathematical portions of the test.

Freshman Seminar [KH08720]

Semester, Prerequisite: Open to grade 9 only.

This course will explore and look at critical executive functioning skills that are essential for success in and out of the classroom. The course will also focus on applying the 11 executive skills with the other content courses, such as English 9, Hawaiian Culture, Biology, Mathematics, etc. Students will take a real-world look at their understanding and application of executive skills in order to plan and direct activities, including those based in an academic and non-academic setting. Students will experience the executive functioning skills through Ho'okele Moana (Navigation) perspective.

P-SAcT Prep Course [KH08412]

Semester, Prerequisite: Concurrent enrollment Algebra 1A and higher. Open to grades 9-10.

The P-SAcT Prep course is designed to help students prepare for the rigors of taking PSAT/SAT/ACT tests offered by College Board and ACT. Each class covers math or reading topics from the Official SAT Practice at Khan Academy, Kaplan SAT Course Book or ACT online lessons. The primary goals of the course include: recognizing and implementing test-taking strategies, becoming more comfortable with taking exams under timed pressure and reviewing/learning prerequisite material required to better student performance.

NEW! Senior Seminar: Champion Mindset (Sports & Performance Psychology) [KH08510]

Semester, Prerequisite: None. Open to grade 12 only.

This course will explore and look at critical skills and mindsets that are essential for success on and off the sports field and court. Students will learn growth mindset perspectives, mental skills, and mental toughness to gain a competitive advantage to win their personal championships. Students will examine researched based sports psychology techniques to train them how to commit to a purpose, set process oriented goals, create a positive identity, be mentally prepared, sustain focus, recover from and overcome adversity so they can compete “in the moment” with confidence to become the best athlete they can be.

NEW! Senior Seminar: Transition & Legacy [KH08511]

Semester, Prerequisite: None. Open to grade 12 only.

In this course, students will explore the intersection of neuroscience, social psychology, technology, future studies, cultural movements and civic engagement with the intent of identifying factors that grow, or diminish future consciousness. We will investigate human society - our systems, structures, and ways of being. The essential question of the course will be “How do I become the great ancestor our future needs?” In order to do so, students will investigate Native Hawaiian transitions at significant stages in life: birth, adulthood, and elderly. They will also juxtapose their own experiences and analyze them with the various constructs listed above.

TECHNOLOGY AND BUSINESS

The Technology and Business courses are designed so that students apply the knowledge learned in science, math and English to a technical field. Courses are targeted for students' planning on entering business, engineering, architecture, computer-related fields and technical two-year and four-year college programs. As lab-based courses, they expose the student to experiences found in technical fields.

As noted in the course recommendations for college preparation (see introductory section of Course Catalog), students interested in engineering should have course experience in Design and Computer Drafting, Electronics and/or Metals depending upon their particular career and academic interests and college prerequisites. Students interested in architecture, engineering, or product design should take Design and Computer Drafting courses through the CAD program. Students interested in technical colleges or community colleges should enhance their programs with Auto Technology, Business, Woodworking, Metals, Engineering Technology, Computers or Electronics depending upon their career or occupational choices.

A few courses within the department are offered to give students opportunities to explore crafts or hobbies to balance their academic loads and improve their quality of life. Courses such as Hawaiian Crafts, Auto Tech for Consumers, Basic Woodworking, and Electronics/Electricity help students develop practical knowledge about everyday consumer products and how they are made.

AUTOMOTIVE

Automotive Technology for Consumers [KH05306 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. May be repeated.

This is an introductory automotive course for individuals who own or will eventually own an automobile and want to learn how the systems of the auto work. The student will be introduced to the various functions of automobiles and basic service procedures. Engine maintenance, troubleshooting, tire repair, balancing and rotating tires, brake service and repair, cooling system repair and service topics are covered.

Automotive Technology I [KH05301 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is designed as an introduction to the general construction, function, and repair of the automobile. The students will be introduced to the scientific and mechanical principles involved in various components of the automobile through lecture, demonstration and readings and hands- on shop time. Topics include engine construction and operation, lubrication and cooling systems, basic automotive electrical systems, wheels, tires, and maintenance of such systems.

Automotive Technology II [KH05302 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Automotive Technology I.

This course is designed to further a student's knowledge about the automobile through additional training in the field of automotive technology. Various automotive systems will be covered such as brake system, starting and charging system, steering, and suspension. Students will be given the opportunity to participate in lab assignments related to concepts covered throughout the course.

Automotive Technology III - Research & Development [KH05303 (Alt 10, 11, 12)]

Semester, Prerequisite: Automotive Technology II. Course may be repeated.

This course is designed for the student who has a career interest and would like to gain more practical experience in the automotive field. Engine performance and electrical systems will be emphasized. Automobile testing will be introduced as a function of Auto Technology-Research & Development. Students are encouraged to bring in projects.

Automotive Body and Fender [KH05304 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None Course may be repeated.

This is a beginning body and fender course. Students acquire an understanding of body tools and their practical application. Auto body repair, pounding out dents, filling dents, patching rust holes, welding patches, and using plastic body fillers are the processes emphasized during the course.

Automotive Painting [KH05305 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Automotive Body and Fender. Course may be repeated.

This course covers the procedures and methods used in modern auto painting. The students will be introduced to the skills needed to refinish a vehicle in a professional booth.

Driver's Education [KH05381 (Alt 10, 11, 12)] Credit/No Credit

Semester, Prerequisite: Open to grades 10-12

This course will provide the knowledge and skills of driving, which are applied while developing the attitudes and habits of a responsible driver. Content areas include: 1) causes of crashes and their resulting economic, personal, and social issues; 2) proper attitudes relative to driving; 3) role of the driver in relation to traffic laws and the physical laws of nature; 4) driving techniques and skills; 5) pedestrian safety; 6) handling adverse conditions and emergency situation; and 7) personal factors that influence a driver's ability (alcohol, drugs, distracted driving, road rage, etc.).

NOTE: This is NOT the "behind the wheel" instruction. This course is designed to meet the Hawai'i State requirements for driver education. Upon successful completion of the course, the student will receive a valid Driver Education Classroom certificate.

DESIGN

Computer Maintenance/Video Game Design [KH05354 (Alt 9, 10, 11, 12)]

Year, Prerequisite: None

This course introduces students to basic computer maintenance, troubleshooting skills and video game design techniques. Students will learn about computer hardware, operating systems, PC troubleshooting, computer networking, and video game design. Students will gain experience on how to build computers, troubleshoot PCs, build and test Ethernet cabling, install and operate a Linux operating system, troubleshoot and operate the Microsoft Windows 10 operating system and create video games with a gaming engine.

Designing and Computer Drafting (CAD I) [KH05309 (Alt 9, 10, 11, 12)]

Year, Prerequisite: None

This course uses principles of mechanical design and graphic design as a technical language. Students will experience sketching, presentation layout and technical

drawing using both mechanical and computer generated techniques as communication tools.

The Computer Aided Design programs, such as AutoCAD and SketchUp, will be used to enhance and improve both presentation and computer designing techniques. This course is a prerequisite for many courses in engineering and architecture offered at the college level.

Computer-Aided Design and Fabrication (CAD II) [KH05332 (Alt 9, 10, 11, 12)]
Year, Prerequisite: Designing and Computer Drafting (CAD I)

This second year course uses CAD software to further enhance engineering, architectural and technical presentation skills. Advanced CAD programs, such as Rhinoceros, Soft plan, and other engineering and architectural programs will be explored. Using special computer programs, 3-D solid objects will be designed and constructed using available materials within the classroom and our modern laser cutter and 3-D printer. Other design and engineering projects will be constructed using advanced modeling techniques to develop conceptual building designs.

Computer-Aided Design III (CAD III) [KH05333 (Alt 10, 11, 12)]
Semester (may be repeated), Prerequisite: Grade of "B" or better in Computer-Aided Design and Fabrication (CAD II)

This course is set up to teach product problem solving techniques involved in product design. Student modeling skills and techniques will be further enhanced to create detailed, workable products. Modern design CAD programs, such as Rhinoceros and Catalyst, will be further utilized to design and build projects. Seniors in CAD II may sign up for CAD III concurrently.

Architectural Design and Drafting [KH05310 (Alt 10, 11, 12)]
Semester, Prerequisite: Grade of "B" or better in Computer-Aided Design and Fabrication (CAD II)

Using the computer and various architectural tools, students will explore house plans, home designs and specific construction drawings. A print of each plan will be plotted using the latest in computer software. Advanced programs in computer designing, directly related to architecture, will be used to complete a home design. Seniors in CAD II may sign up for Architectural Design and Drafting concurrently.

Engineering Technology [KH05319 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is designed for students who have had no experience or limited experience in metalworking. Students will be taught basic skills in design, welding, machining and fabrication. A hands-on approach is emphasized. Each student is taught proper safety procedures and is encouraged to be creative in both individual and group projects.

Advanced Engineering Technology [KH05385 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Engineering Technology. May be repeated.

The purpose of this course is to give students an opportunity to further their studies in the field of engineering. In this course, the students will use the engineering design process to define, research, design and build solutions to real world problems. Students will get an understanding of the importance of being precise in measurement, calculation and application of scientific principles. They will also be introduced to advanced welding processes such as Arc, MIG, and TIG welding. The course is intended for students interested in pursuing careers in the fields of Engineering, Welding, and/or Metal Working.

ELECTRONICS

Electricity/Electronics [KH05357 (Alt 9, 10, 11, 12)]

Year, Prerequisite: None

This introductory course is recommended for students who want to explore the field of electricity and electronics. Beginning students gain practical experience by constructing and troubleshooting electronic kits, which they take home. Students will explore simple circuits that relate to everyday products and around the home. Basic troubleshooting, problem solving strategies, and robotics will be introduced.

Advanced Electricity/Electronics [KH05356 (Alt 10, 11, 12)]

Semester, Prerequisite: Completion of Electronics/Electricity. May be repeated.

Building on the fundamental concepts of Electronics, students investigate and experiment with the principles of induction, capacitance, and alternating current. Students are also introduced to advanced projects and electronics. Meter operation and the proper usage of test equipment will be emphasized. Advanced electronic

kits provide practical, hands-on reinforcement of the theoretical concepts discussed in class.

PROGRAMMING & NETWORKING



Advanced Placement Computer Science Principles [KH01222] (cross listed with Math)

Year, Prerequisite: B grade or higher in Algebra 2 or Honors Algebra 2, or consent of the teacher. Open to Grades 11 and 12.

Whether it's 3D animation, engineering, music, app development, medicine, visual design, robotics, or political analysis, computer science is the engine that powers the technology, productivity, and innovation that drive the world. Computer science experience has become imperative for today's students and the workforce of tomorrow. The goal of AP Computer Science Principles is to develop leaders in computer science fields as well as to attract and engage those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities.

AP EXAM FEE: \$96 per exam - Payable at the beginning of second semester



Computer Programming [KH01338 (Alt 11, 12)]

Semester 1, Prerequisite: Completion of Algebra 2 with teacher recommendation.

This course is a gentle introduction to creating computer programs using a popular and powerful programming language such as Python or Ruby. Programs tell computers, step by step, how to do the amazing things they do, such as special effects for movies, apps for smartphones, searches through websites, and control of robots. Programs can stimulate and help evaluate models of our world. Students learn problem solving and critical thinking, crucial skills in college, careers, and life. Topics cover fundamental programming concepts including: variables and data types, conditional and iterative control structures, modularization with functions and parameters, and testing.



Computer Programming DC [KH01336 (Alt 11, 12)] – CSCI 1611, Hawai'i Pacific University

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Tech and Innovation

Ethical Hacking 101 [KH05384 (Alt 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 10-12.

This course will immerse students into the Hacker Mindset so that they will learn the basics to defend against cyber-attacks. The intent is to educate students on the ethics of hacking in such a way that they become what are called white hat hackers. White hat hackers follow ethical guidelines that prevent harming either other people or the systems on which other people depend. This course will provide students the skills to demonstrate knowledge of assessing the security of computer systems by looking for weaknesses and vulnerabilities in target systems, using the same knowledge and tools as a malicious hacker, but in a lawful and legitimate manner.

Foundations of Cybersecurity [KH05392 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course provides an introduction to the fundamentals of network security including threats, attacks, and vulnerabilities; technologies and tools for combating attacks, identity and access management; and cryptography. Students will learn cybersecurity skills commonly performed by IT security professionals. New Virtual Hands-On Projects and computer lab activities help students put what they learn into practice.

ROBOTICS

Robotics Laboratory [KH01193 (Alt 9, 10, 11, 12)]

Year, Prerequisite: None. Open to Grades 9, 10, 11, and 12.

The Robotics Laboratory is an introductory course to the world of robotics for those who want to explore innovative ways of problem solving and engineering. This introductory course will allow students to get a hands-on approach to engineering and apply physics knowledge (mechanics & electricity), mathematics, logic, computer programming skills, and develop an innovative problem-solving process. Students will engage in the use of simple machines, sensors, motor controllers, wireless remote controls, design build documentation and more. Students will compete and propose solutions to various robotics and S.T.E.M. based competitions and fabricate engineered designs.

This course is primarily a hands-on, project-based course. As an introductory laboratory class, all of the equipment, manufacturing and programming happens in the school. The students will excel in the design and engineering process while

programming the robots and collaborating in groups on solutions to challenging design problems.

Advanced Robotics [KH05386 (Alt 10, 11, 12)]

Year, Prerequisite: Recommendation of Robotics Instructor. Open to Grade 10, 11, 12.

This is a continuation of the Robotics Laboratory course. In this advanced robotics class, students will build upon their foundational knowledge of designing, engineering, fabrication and programming. Students will focus on embedded programming, navigation and multi-robotics systems that have an emphasis on Science, Technology, Engineering, Art, and Mathematics (S.T.E.A.M.). Problem solving of current global issues with the aid of robotics and S.T.E.A.M. ingenuity is driven by student interests and guided research. Students will work with teams while going through a design thinking process to test a robotics system that meets unique and innovative applications.

WOODS

Contemporary Hawaiian Crafts [KH05328 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is organized so that haumana develop knowledge and skills of woodworking and craft techniques used in Hawai'i today and yesterday. The cultural, historical, and spiritual significance of each project will be examined to promote and propitiate pride. Hawaiian woods and ancient tools will be explored. Personal safety is essential. Drawing, as a means of design, communication, and development is emphasized. Other materials used in the craft industry will be added for variety and ease of construction.

Advanced Hawaiian Crafts [KH05326 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Grade of "B" or better in Contemporary Hawaiian Crafts. May be repeated.

This course will build upon the concepts learned in Contemporary Hawaiian Crafts as well as introduce additional modern and traditional craft concepts and techniques. Advanced design and problem solving skills will be developed. Scale models, mock ups and/or full size projects will be built as students carry on the "legacy of excellence" established by their ancestors. Some of the more popular

projects in Advanced Hawaiian Crafts include the lei o manō, the ‘umeke (bowl), and the traditional canoe paddle.

Basic Woodworking [KH05352 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None

This course is designed for students who have had no experience or limited experience in working with wood. Students will receive instruction and develop skills to safely use hand and machine tools to perform basic woodworking techniques. Students will use the design process to plan and design projects as a means of communication to create projects that will develop their woodworking skills.

Advanced Woodworking [KH05350 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Grade of "B" or better in Basic Woodworking. May be repeated.

This course is for students who are interested in developing their cabinetmaking and/or woodworking skills to a higher degree. Sophisticated projects will be designed and constructed using advanced woodworking techniques in such a manner as to acquire workplace skills. One of the most popular projects in Advanced Woods is the making of a tenor ‘ukulele. This course may be repeated.

BUSINESS

Accounting 1 [KH05382 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 9, 10, 11 and 12.

This course covers the accounting cycle for a service business organized as a proprietorship. Students will learn the basic accounting equation, journalizing/posting transactions, preparing income statements and balance sheet. Automated accounting exercises and simulations may also be included.

Accounting 2 [KH05383 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Accounting 1. Open to Grades 9, 10, 11 and 12.

Accounting 2 allows students who have completed Accounting 1 to continue their study of accounting. This course will cover the accounting cycle for a merchandising business organized as a corporation. Students will learn accounting procedures covering but not limited to: uncollectible accounts, depreciation, inventory

maintenance promissory notes and interest; accrued revenue and expenses and adjusting, closing and reversing entries. Automated accounting exercises may be included.

Digital Tools for the Information Age [KH05359 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

In this course, students will be introduced to computers and the components of a business information system. Students will have “hands-on” exposure to office productivity applications and learn how information technology can be applied to satisfy business needs.



Digital Tools for the Information Age DC [KH03588 (Alt 9, 10, 11, 12)] MIS 2000, Hawai'i Pacific University

Students must complete the Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Tech and Innovation



Personal Finance [KH05358 (Alt 11, 12)]

Semester, Prerequisite: None. Open to Grades 11-12. Does NOT meet 0.5 credit for Economics graduation requirement.

Personal Finance prepares students to function effectively as consumers, savers, investors, and engaged citizens. Students will learn how to navigate the financial decisions they will face in adulthood and make informed decisions relating to their career, banking, filing taxes, saving and investing, budgeting, managing credit, and buying a car and home. Students will also have the opportunity to participate in an online budget simulation that operates in real-time and teaches money management skills in a hands-on and engaging way!

Principles of Entrepreneurship [KH05389 (Alt 11, 12)]

Semester, Prerequisite: None. Open to Grades 11-12. May be repeated as an Independent Study.

This course offers the student an opportunity to study, develop and apply entrepreneurial skills and tools critical for starting and succeeding in a new business venture. Students will explore topics such as opportunity recognition and innovation, marketing strategies, government and legal restrictions, sales forecasting and financial record keeping. Opportunity to create a startup business model may also be included in the class.

VISUAL ARTS

The goal of the Kamehameha Schools Visual Arts program is to develop visually literate and aesthetically sensitive students who invigorate our society as creators, supporters and appreciators of art. As students imagine, create, and reflect, they become spiritually, physically, emotionally and intellectually attuned to their environments, thus enriching their lives and the lives of those around them. The visual arts encourage our students to embrace their collective identities as Hawaiians and also prepare them to become global citizens by weaving cultural heritage and spiritual beliefs into the fabric of humankind. The Arts foster creativity, collaboration and problem-solving, which are necessary skills needed to succeed in this 21st Century world. Art is integral to human existence and the study of art is an essential part of the education of every student.

The Visual Arts Department's courses are selected and designed to help students in their search for a personal and satisfying orientation towards life. They are intended to help in expanding the students' base of thought and communications, provide them with greater options in the future, foster an awareness of themselves and their circumstances, and enhance a positive personal identity.

All art courses provide the student with the opportunity for exploration, experimentation, and creative expression with various art media to develop existing abilities. For the beginning student, these requirements are intended to introduce the techniques and concepts of the world of visual art and serve in meeting the stated objectives of the department.

.5 credit in Visual Arts is required for graduation and can be taken anytime from grades 9 – 12. Students are strongly encouraged to start with the Introduction to the Visual Arts course that has a dual credit option, prepares students for their college Humanities requirement and is an excellent foundation for those who want to take the department's studio offerings.

For registration, if a student selects a studio art course to fulfill their graduation requirements, they should also list the *Introduction to Visual Arts* course as one of their alternatives if they have yet to complete the course. Since class sizes and the number of sections offered are limited in studio courses, not all students may get their first-choice class that they request.

For students enrolled in studio art courses, the program provides opportunities for hands-on art experiences that serve to refine techniques and help students to

understand the various concepts in their areas of interest. The program also serves to expand knowledge of the arts and provides another opportunity to explore areas in which the student has little or no experience.

For students considering ART AS A CAREER, taking at least one course from each of the following three clusters is suggested:

Independent Study courses are offered for most Visual Arts Studio classes, provided that students have taken the prerequisite level II class and received a semester grade of “B” or better. With teacher approval, students may sign up for the level II studio class again for registration, as Independent Study is only offered during teacher’s regularly scheduled periods and class sizes cannot exceed the maximum enrollment levels. After registering, students may complete an Independent Study form to be listed as Independent Study student.

Introduction to the Visual Arts: [KH04118-M (Alt 9, 10)] [KH04119-U (Alt 11, 12)] [KH04182 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. May be taken any semester, Grades 9-12.

Introduction to the Visual Arts is designed to provide students with visual experiences that will improve their ability to perceive, react to, and make judgments about the fine arts as well as their everyday surroundings. This course will cover the elements of art and principles of design, key art historical movements, including the Art of Hawai‘i. It will also feature studio projects that cultivate the imagination and the creative process, explore various media, discover interesting design and color theories options and make relevant the historical context from which art has been created and will be created in the future. Introduction to the Visual Arts provides an opportunity to take a college course. Furthermore, while still in high school and provides a solid foundation for other humanities college courses and is the foundation from which all other studio art offerings in our department are built upon.



Dual Credit for Introduction to Visual Arts [KH04182 (Alt 9, 10, 11, 12)] – ARTS 1000, Hawai‘i Pacific University

Students must complete Hawai‘i Pacific University and KHS paperwork in order to be enrolled in this dual credit semester course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Requirement: Creative Arts

Ceramics I [KH04151 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

Ceramics I is for the beginning student who wishes to explore the use of a three-dimensional plastic medium to create boxes, bowls, cups, plates, vases, jars and sculptures. Students will learn hand building techniques and the use of the potter's wheel as they experiment with a variety of clays, glaze decoration techniques and firing methods. Students learn the history of ceramics by viewing and discussing pottery produced by various cultures as well as that of contemporary artists. Hawai'i has a strong and active community of ceramic artists and this course will provide insight into that area of the community. There is no lab fee, and students can keep all of the work they produce.

Ceramics II [KH04152 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Ceramics I. Open to grades 9-12. May be repeated as an Independent Study.

Ceramics II students work on refining their skills by using more advanced hand building, wheel throwing and glazing techniques. Self-expression, design, craftsmanship and creativity are emphasized. Some of the advanced students' projects are determined on an individual basis. Ceramics II students have the opportunity to produce water fountains, sets, calculate glaze recipes, combine hand and wheel techniques, and participate in a variety of art exhibits. There is no lab fee, and students can keep all of the work they produce. Ceramics II students will be expected to spend extra hours outside of class time to complete their required projects.

Computer Illustration and Animation I [KH04141 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

In Computer Art students create art using the latest technology and Adobe Creative Cloud software. Students will also use the iPad to create artwork using a variety of drawing and animation programs. This course is designed for students interested in experimental and expressive design including pixel and vector-based art and animation. Infused with art elements and principles, the lessons are designed to make sophisticated software approachable and enjoyable for all skill levels. At the end of this class students should have the beginning of a professional digital art portfolio. Students are encouraged to take Computer Illustration and Animation II or Graphic Design II to further expand their digital portfolios.

Computer Illustration and Animation II [KH04174 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Computer Illustration and Animation I. Open to grades 9-12. May be repeated as an Independent Study.

From the foundation of computer art skills acquired in Computer Art I, the student will be guided to acquire intermediate and advanced skills in the Adobe Creative Cloud, iPad programs and other software. Working with the instructor, the student will design a portfolio of independent projects that will be the guidepost for new skills and expand their understanding of digital art making . The projects could be an original animation or a series of digital art works based on a storyboard or theme. This course will be valuable for students who are interested in a Digital Art career or for students who enjoy creating art using technology and wish to create a professional portfolio for college admission or a job.



The Creative Camera DC [KH04101 (Alt 9, 10, 11, 12)] MULT 1050, Hawaii Pacific University

Prerequisite: None. Introduction to Visual Arts or other studio art courses is highly recommended.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Through the exploration of the camera as a storytelling tool, students learn the fundamentals of both still photography and moving images in video. This is a one-semester course exposing students to DSLR cameras and editing programs to shoot and edit both still images and videos, record sound, and utilize the principles of design and composition. With that said, visual stories aren't just about aesthetics and equipment, but communicating ideas effectively, which takes skill, practice, and experimentation. This also requires students to self-reflect and develop skills to critically analyze and interpret their work and the work of others.

While the objective for the course is to expose students to the technical aspects of digital still photography and videography, the larger goal is for students to gain a voice and identity as a Hawaiian and their role in our global society as a media content creator. Through the interactions with digital media, students develop skills in Innovation and Creativity as well as Growth Mindset. Projects also focus on the exploration of 'Ike Kūpuna and

the importance of mo'olelo and storytelling as a foundation for the technical camera skills in this course.

Class periods will consist primarily of lectures, demos, hands-on learning with cameras and editing programs, as well as critiques to share and discuss projects. Most units will revolve around a series of photographic and video projects, helping students build portfolio materials and explore different techniques, artists, and genres.

The ability to visually document and communicate an idea is a versatile skill. Skills gained in this class are also useful for other Visual Arts courses (like Digital Photography or Photography) or media courses such as Ka Na'i Aupuni (yearbook), Kā Mō'ī (the school newspaper), Puka Mai Ka Lā, and Video Production. Students considering the fields of the fine arts, photography, computer graphics, advertising, marketing, business, journalism, or communications will find this course valuable.

Fulfills AA Distribution Requirement: Tech and Innovation

Creative Metal and Glass I [KH04153 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

This course is comprised of two distinct units: first metals and then glass. In the metals unit, students learn a variety of traditional and contemporary metal working techniques, including simple to complex sawing, soldering, surfacing, forming and bezel setting to construct original jewelry and small-scale sculpture designs. Students craft their work from different metals, including sterling silver, nickel, brass and copper. Historical and modern art works will be discussed. All materials are provided, however, additional materials such as bone, beads, fibers and plastics may be brought in by students and incorporated into their designs as needed. In the glass unit, students learn fusing and slumping techniques to craft bowls, plates, vases and other glass objects. Students will also learn how to craft mosaics using various glass tools and machinery.

Creative Metal and Glass II [KH04154 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Creative Metal and Glass I. Open to grades 9-12. May be repeated as an Independent Study.

This course is composed of two distinct units: first metals and then glass. In the metals unit, students will expand on their knowledge of metal working techniques:

sawing, soldering, surfacing, forming and stone settings. They will create original designs from different metals including sterling silver, nickel, brass and copper. Historical and modern art works will be discussed. All materials are provided, however, additional materials such as bone, beads, fibers and plastics may be brought in by students and incorporated into their designs as needed. In the glass unit, students will learn stained glass techniques. Students will also expand on their understanding of fusing and slumping to craft various three-dimensional glass designs.

Digital Photography I [KH04163 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

Digital Photography I is a one-semester course that teaches the fundamentals of digital photography. Utilizing a blend of the latest technologies as well as readily available equipment and materials, Digital Photography explores how great images are made with skill, practice, experimentation, and a creative eye.

Students enrolled in this course will have the option to borrow a DSLR to learn about camera operations and techniques. This course will also teach students about lighting manipulation, how to utilize the principles of art to create strong compositions, the best practices for a digital workflow and a wide variety of digital editing techniques through Adobe Photoshop. Students will also develop skills to critically analyze, judge, and interpret their work and the work of others to gain deeper insights into themselves and the world around them.

Students who enjoy this course may sign up for Digital Photography II, where they learn more advanced digital photo techniques and practices.

Digital Photography II [KH04164 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Digital Photography I. Open to grades 9-12. May be repeated.

Digital Photography II is a one-semester course that expands on ideas and techniques introduced in Digital Photography I. Students enrolled in this course are asked to work independently on photographic projects and will require students to be self-motivated and manage their time wisely to complete course work. Class photo projects will revolve around different career paths open to photographers - such as the fine arts, commercial photography, and photojournalism - encouraging students to elevate their skills with camera equipment, lighting techniques, visual communication, and digital editing techniques.

Along with making artwork, advanced students may also engage in different professional practices of working photographers, such as brainstorming and refining

ideas through project proposals, participating in work-in-progress reviews, and critically analyzing/interpreting their work and the work of others through evaluations and critiques.

Drawing and Painting I [KH04157 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

This studio course is for the beginner and includes projects designed for the more advanced student artist. Through demonstration and practice the student will use a variety of materials with an emphasis on skill development, design, creativity, and originality as a means of enhancing self-expression. Students will create artwork from still-life set-ups, human models, photographs and from the imagination. Students will experience the various qualities of the drawn line produced by the graphite pencil, charcoal, pen and ink, colored pencils and pastels. Students will learn about the application of materials and techniques of painting in various media including inks, watercolor, and acrylics. Students will learn to plan and organize the drawing and painting process from conception to sketches to the finished product. Students will be able to convey emotions and make philosophical statements in the content of the artwork. Guidance will be provided on the search for provoking subject matters of student interest. Student artworks from the class will be exhibited and may be used in school publications.



Drawing and Painting I DC [KH04183 (Alt 9, 10, 11, 12)] ARTS 2010, Hawai'i Pacific University

Prerequisite: None. Introduction to Visual Arts strongly recommended.

Students must complete Hawai'i Pacific University and KHS paperwork in order to be enrolled in this dual credit course. Students who do NOT complete the paperwork will be registered into the non-DC course.

Fulfills AA Distribution Elective

Drawing and Painting II [KH04158 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Drawing and Painting I. Open to grades 9-12. May be repeated.

This course will provide for those students who want to accomplish more advanced two-dimensional work. The class will focus on the development of the student's visual language of self-expression through various advanced projects determined on an individual basis. These projects will allow for problem solving through advanced skill development of traditional and contemporary art medium techniques, such as

graphite, charcoal, pastels, acrylics, oils, collage, murals, and digital. Students will prepare a portfolio of artwork for college and/or job applications. Students will be featured in small group displays/exhibits and/or publications. Independent working will be emphasized and encouraged.

Graphic Design I [KH04155 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 9-12.

Students will produce digital media while learning the fundamentals of graphic design. This course will stress the professional application of design skills learned through Adobe Creative Cloud programs. Content covered may include design of logos, identity systems, packaging, layout, typography, illustration and more! Students thinking about future work in the fields of entrepreneurship, marketing, advertising, graphic design, UX, communication, content creation, illustration, or the fine arts will find the course especially valuable.

Student artworks from the class may be publicly exhibited and may be used in school publications. Students who enjoy this course are encouraged to take Graphic Design II to expand their portfolios and further develop design skills and sensibilities.

Graphic Design II [KH04156 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Graphic Design I. Open to Grades 9-12. May be repeated.

Students wanting to accomplish more advanced graphic design projects are encouraged to continue on to Graphic Design II. Students will prepare a portfolio of artwork for college and/or job applications. We will further develop advanced techniques in traditional media and computer graphics. Students will participate in small group student displays/exhibits around campus. Students will be afforded real-world design opportunities and learn essential skills to support their professional creative practice.

Students who enjoy this course are encouraged to take Digital Photography or Computer Illustration and Animation to expand their portfolios and further develop design skills and sensibilities.

Photography I [KH04161 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to Grades 9-12.

Photography I is a one-semester course that introduces students to the world of film photography. This course provides students a foundational understanding of the nature of light, visual literacy, composition, and darkroom chemistry. Students enrolled in this class will be loaned a 35mm film camera for class use, with class periods consisting primarily of lab work, lectures, demos, critiques, and quizzes. Most assignments, however, revolve around a series of black-and-white film photographic projects exploring different techniques, artists, and genres. Some projects may also incorporate digital technology, with students using personal digital cameras to learn how to edit digital images with Adobe Photoshop. Students would need to provide their own digital camera for this portion of class, and any smartphone or digital camera is acceptable.

By the end of the course, students will be able to identify and appreciate successful photographs, as well as utilize different techniques to create stronger images themselves. This course is the prerequisite for Photography II if students are interested in further exploring photography with different cameras, films, and techniques.

REQUIRED FEE FOR LAB SUPPLIES (paper, film, chemicals): \$35.

Photography II [KH04162 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Photography I. Open to Grades 9-12. May be repeated.

Photography II is a one-semester course that expands on ideas and techniques that were introduced in Photography I. This course will teach advanced students to work independently on visual projects each quarter, developing skills in the following modes of photographic communication: landscapes, portraiture, still-life, and color theory. In the first quarter, students will produce prints using primarily analog photographic techniques with the opportunity to use different types of cameras, film, lenses, and studio lighting equipment. The second quarter will introduce students to a digital workflow with the intention of putting together a portfolio of their best work. For the final project, Photo II students will display their portfolio of work on campus for the school community to see.

Students who retake Photo II will be enrolled in Independent Study and follow a slightly different curriculum, requiring students to be self-motivated and work independently on extended photographic projects.

REQUIRED FEE FOR LAB SUPPLIES (paper, film, chemicals): \$35



Printmaking I [KH04180 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: None. Open to grades 9-12.

Printmaking I is an introductory course designed to familiarize students with the techniques, history and vocabulary used by printmakers. Students explore Relief and Serigraph techniques to create unique works of art on paper, with an emphasis on creating printmaking editions, multiple copies of fine art prints. Students learn to carve relief blocks, use a printing press, and screen print on paper and textiles (T-shirts). Design, originality, craftsmanship, communication and connections with personal experiences and culture will be emphasized with each project. Students are introduced to the art history of printmaking.

Printmaking II [KH04181 (Alt 9, 10, 11, 12)]

Semester, Prerequisite: Printmaking I. Open to grades 9-12. May be repeated.

Printmaking II students are expected to work independently with guidance from the instructor. They will continue to develop their personal artist visions creating fine art prints that connect to personal experience, culture and society. Intaglio, etching techniques, are introduced. Printmaking II students continue to develop advanced proficiencies in relief and screen printing. Design, originality, craftsmanship, communication and connections with personal experiences and culture will be emphasized with each project.

INTERSHIPS

On-Campus Student Intern [KH08503 (Alt 11, 12)] Credit/No Credit

Semester, Prerequisite: Prior approval of course kumu and counselor. Complete [course 8503 form](#) by March 10, 2023 for priority registration as there are limited spaces for this course. Approvals from a KS faculty or staff member and a counselor, ahead of registration confirmation.

Gain valuable experience as an intern to assist a KHS kumu (if they are available and approve) for a semester. For enthusiastic students who can take initiative in the classroom to support active learning by their peers. This may include assisting with instruction, tutoring, student activities, and other duties. For more information, please see <https://blogs.ksbe.edu/khsinternships/current-opportunities-ksk/> .

External Internship [KH08505 (Alt 11, 12)] Credit/No Credit

Semester, Prerequisite: Contact the Internship Coordinator (sanhomi@ksbe.edu).

1. Request External Internship Application from kskinternships@ksbe.edu
2. Interview with internship coordinator
3. Approval/confirmation from High School Internship Coordinator. Priority will be given to those who complete the Program interview by March 10, 2023 for a course with limited spaces.

For highly motivated, self directed students who wish to “learn by doing,” with practical work experiences that build on and/or complement their classroom learning at KS Kapālama, to help prepare them for success in college, career, or life in general. This course may be taken during or outside of school times with required permissions from parent/guardian and counselor. Online-only, place-based (off-campus), or hybrid learning options for 11th or 12th graders to plan, implement, and document individualized or group contributions to a workplace and/or the wider community. For more information, please see <https://blogs.ksbe.edu/khsinternships/>.

OTHER COURSES

ONLINE **NEW!** Critical Thinking and Study Skills Online (Critical Thinking and Study Skills offered by Flex Point) - **This is an asynchronous course.** Semester, Prerequisite: None. Open to grades 9 through 12. *Students must complete KHS paperwork in order to be enrolled in this online course.*

Get better grades and higher test scores, and increase your success in high school. If you are already a good student, you will learn new study skills and testing skills that will help you get even better. If you struggle in school, this course will give you the Success Mindsets, study skills, and testing skills to perform at new levels. This half-credit course teaches the ACE test-taking method, which will assist students in their approach to high-stakes testing.

Throughout the course, Mawi Asgedom, a Harvard graduate who was the first in his family to attend college, will coach you. Mawi is a student success expert who has trained over a million students.