



2016 SUMMER SCHOOL CATALOG



# Hālau Kupukupu innovations academy

### 2016 SUMMER SCHOOL CATALOG

- 2 Summer 2016 Program Schedule
- 2 About Our Program
- 3 Kamehameha Schools' Vision and Mission
- 3 Application Process
- 3 How to Apply
- 5 Course Changes and Withdrawals
- 5 Tuition & Payment
- 5 Financial Aid
- 6-7 Transportation
  - 6 Student Drivers
  - 8 Attendance
  - 8 Student Evaluations and Credits
  - 8 Lunch/Special Diets
  - 9 Course Menu for Grades K-8
- 10-12 Elementary Course Descriptions
- 13-14 Middle School Course Descriptions
  - 15 Course Menu for High School
- 16–21 High School Course Descriptions
  - 22 Course Change or Withdrawal Form Campus Map

# Letter from the Po'o Kula

A kupu, a lau, a loa, a a'a... To sprout, leaf out, grow taller, and take root. (Refers to a learner's development through the growth stages of kupukupu ferns)

E nā kupukupu e ala mai nei mai kahi pae a kahi pae o kēia 'āina aloha, welina ke aloha, *Aloha to the kupukupu ferns awakening across this beloved 'āina,* 

Kamehameha Schools Hawaiʻi invites you to experience invigorating academic and enrichment learning in Hālau Kupukupu Innovations Academy Summer School 2016. As we celebrate our second year in a new summer academy serving 'ohana on Moku o Keawe, we welcome your K–12 keiki to learn and grow in innovative and exciting courses at all levels. We are pleased to offer a dynamic Hawaiian culture-based landscape of educational opportunities this summer that promises to inspire our young "kupukupu ferns" as they sprout, grow and mature into good and industrious learners and the next generation of 'ōiwi leaders who will steward our future.

We encourage you to review our course catalog and register early for the course(s) of your choice. If you have any questions or mana'o regarding Hālau Kupukupu Innovations Academy, please call 982.0033 or email halaukupukupu@ksbe.edu.

We invite you to join us for a summer of joyful, transformative learning in Hālau Kupukupu Innovations Academy on the Hawaiʻi campus of the Kamehameha Schools.

Na'u nō me ke aloha 'imi na'auao,

M. ho helpha hirding

M. Kāhealani Nae'ole-Wong Po'o Kula (Head of School)

# General Program Information

#### SUMMER 2016 PROGRAM SCHEDULE

|                                    |          | ursday, July 14<br>7, July 4, 2016 |          |
|------------------------------------|----------|------------------------------------|----------|
|                                    | SESSION  | START TIME                         | END TIME |
| ELEMENTARY<br>SCHOOL<br>Grades K-5 | Full Day | 7:45am                             | 2:45pm   |
| MIDDLE<br>SCHOOL<br>Grades 6-8     | Full Day | 8:00am                             | 2:45pm   |
|                                    | Full Day | 8:00am                             | 3:00pm   |
| HIGH SCHOOL<br>Grades 9-12         | AM Only  | 8:00am                             | 11:15am  |
|                                    | PM Only  | 11:45am                            | 3:00pm   |

### ABOUT OUR PROGRAM

Kamehameha Schools Hawaiʻi is excited to present Hālau Kupukupu Innovations Academy Summer 2016. Kupukupu means "to sprout or grow" as leaves, blossoms, knowledge, and ideas. With 'āina as the center of dynamic, vital learning experiences blending rigorous and authentic culture-based Science, Technology, Engineering, the Arts, Math (STEAM), literacy pieces, and creative exploration, our keiki and 'ōpio will grow their skills as innovators and stewards of today and beyond.

Hālau Kupukupu Innovations Academy Summer is a four-week learning adventure where students are engaged in fun, hands-on experiences in and out of the classroom. As action researchers, students take field trips, learn from experts in our community, and explore the rich outdoor learning environment of Moku o Keawe. The program offers incredible educational opportunities that inspire passion for learning and enable young learners to be successful and prepared for the next school year.

Hālau Kupukupu Innovations Academy Summer 2016 is open to students entering grades K–12 on Hawaiʻi island, including current Kamehameha Schools students, and students attending the State of Hawaiʻi DOE, public charter schools and other private institutions.

Elementary and Middle School programs are full-day experiences. High school students can elect morning, afternoon, or full-day courses. Class sizes are limited to ensure optimal teacher-to-student ratios.

The program offers credit advancement for high school students seeking to earn required and/or elective credit(s) for the 2016–2017 school year. KS also offers college courses that will allow high school students the opportunity to earn both college and high school credits simultaneously. It is recommended that students obtain pre-approval for course credits from their home schools before registering for KS summer classes to ensure acceptance of credit(s) earned.

#### If you have any questions or mana'o about our summer programs, please contact us at:

Hālau Kupukupu Innovations Academy PHONE: (808) 982-0033 FAX: (808) 982-0010 EMAIL: halaukupukupu@ksbe.edu WEBSITE: http://hawaii.ksbe.edu/summer

#### Other Important Numbers:

| Admissions                                | (808) 982-0100 |
|---|----------------|
| Financial Aid and<br>Scholarship Services | (808) 534-8080 |
| Hoʻoulu Hawaiian<br>Data Center           | (808) 523-6228 |
| Kamehameha Schools                        |                |
| Resource Center-East Hawai'i              | (808) 935-0116 |

### KAMEHAMEHA SCHOOLS' VISION

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

- Grounded in spiritual and Christian values;
- Intellectually, emotionally and socially self-reliant;
- Resourceful, resilient, lifelong learners;
- Equipped with the skills they need to succeed in endeavors of their choosing;
- Responsible, ethical, contributing members of their multicultural and diverse communities; and
- Prepared to practice and perpetuate the Hawaiian values and traditions of Ke Ali'i Pauahi.

#### KAMEHAMEHA SCHOOLS' MISSION

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



### POLICY TO GIVE PREFERENCE TO HAWAIIAN APPLICANTS

Kamehameha Schools' policy is to give preference to applicants of Hawaiian ancestry to the extent permitted by law. If you would like to be considered under that policy, your Hawaiian ancestry must be verified by Kamehameha's Ho'oulu Hawaiian Data Center.

Please work directly with the Data Center staff to complete your ancestry determination as soon as possible and preferably no later than the application deadline for the program for which you are applying. For more information, please call (808) 523-6228 or toll free at 1-800-842-4682, then press 9, then 36228. You may also check: **www.ksbe.edu/datacenter** for answers to frequently asked questions or to request an Ancestry Registration form.

### **APPLICATION PROCESS**

Early registration is recommended as course seats fill quickly. Enrollment is based on the date your child's application is received and grade level/course availability. Program notification letters will be mailed in early April. Waitlisted students are considered for enrollment through the end of May.

Kamehameha Schools reserves the right to cancel any class should enrollment fall below the minimum required.

Please note that kindergarten applicants must be 5 years of age by July 31, 2016.

### HOW TO APPLY

#### **Registration for Non-KSH Students**

For non-KSH students, applications will become available beginning January 4, 2016 at www.ksbe.edu/admissions. **Application forms must be submitted online, in person or postmarked by February 16, 2016**, to be considered on time. Applications received after the postmark deadline will not be accepted. Please complete and submit the following forms:

- 1. Application Form
- 2. Course Selection
- 3. Transportation Form (Optional)
- 4. Medical Form

Mail completed applications and/or required documents to:

Kamehameha Schools Hawai'i Admissions Office 16-714 Volcano Road Kea'au, HI 96749

You may also apply online or visit the following locations:

- Hawai'i Admissions Office (16-714 Volcano Road).\*
- Kamehameha's Resource Centers (KSRC)
   Please visit https://apps.ksbe.edu/resourcecenters for locations and hours of operation.

\*The Hawai'i Admissions Office accepts in person applications Monday through Friday, during the hours of 7:30 a.m. to 4:15 p.m. No other time is permitted.

An incomplete application will delay your child's enrollment. Course closures could occur during the timeframe in which your child's application remains incomplete.

For application information, please call the **Hawai'i Admissions Office at (808) 982-0100.** 

#### **Registration for current KSH Students**

Current KSH students must complete registration online via KSConnect. Staggered KSConnect windows **will open at 7 am on the first day and close at 4 pm on the last day of the registration period.** Applicants who complete online registration will be notified automatically of conditional enrollment or waitlist status.

Catalogs will be available online at http://hawaii.ksbe. edu/summer and from the High School Counseling Center and respective school offices.

#### ATTENTION PARENTS

**Explorations Series Program Applicants:** Due to our program's strict attendance policy, KS recommends that families request attendance to Explorations Series programs offered during **Week 6 (7/17/16-7/23/16)**.

#### **Registration Windows for KSConnect**

Current grades K-7 students: January 4 - February 16, 2016

Current grade 11 students: January 11 - February 16, 2016

Current grade 10 students: January 18 - February 16, 2016

Current grade 9 students: January 25 - February 16, 2016

Current grade 8 students: February 1 - February 16, 2016

#### STUDENTS WITH DISABILITIES

The Americans with Disabilities Act prohibits discrimination against individuals with physical or psychological disabilities. It is the policy of KS to make its programs, services and activities accessible to a qualified person with a disability, unless there is a fundamental alteration in the nature of the program or service, undue hardship or the student poses a direct threat to him or herself or others. A "qualified person with a disability" refers to an individual with a disability who is otherwise qualified to participate in any given school, program, or activity.

# COURSE CHANGES

Course changes or withdrawals after completion of registration or enrollment require submittal of the Course Change/Withdrawal Request form included in the back of this catalog. Early notification is requested so waitlisted students can be offered the opportunity to attend the program.

| On or before May 27, 2016 | Full refund, less \$25 |
|---------------------------|------------------------|
| June 3, 2016 or later     | No refund              |

### TUITION & PAYMENT

Tuition for the four week session includes snack and lunch.

| Full-Day Session            | \$400 |
|-----------------------------|-------|
| Half-Day Session            |       |
| (High School students only) | \$200 |

#### Please do not send payment with the application.

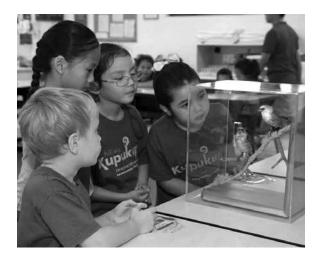
By the first week in April 2016, all students awarded a summer program seat will receive a confirmation letter and tuition bill with payment instructions.

The following methods of payment for tuition will be accepted:

- Financial Aid
- FACTS online payment
  - Due Friday, May 6, 2016 unless otherwise noted.
  - Online payment may be made from a savings or checking account or via credit card (except VISA credit card). Online credit card payments will be charged a service fee.
  - A \$25 processing fee will be charged for any payment returned by the bank or financial institution.
- Cashier's Check

#### Please mail payment for tuition (if paying by check) to:

Kamehameha Schools Hawai'i Hālau Kupukupu Innovations Academy 16-716 Volcano Road Kea'au, Hawai'i 96749



#### FINANCIAL AID

#### **Current KS Students Receiving Financial Aid**

Kamehameha students who are currently receiving financial aid for the 2015-2016 school year **DO NOT** need to complete a summer school financial aid application. KS will notify parents in mid-January regarding their eligibility for summer school financial aid.

#### Non-KS Students

KS students who are not currently receiving financial aid for the 2015-2016 school year and non-KS students who want to apply for summer school financial aid **must complete** the 2016 Financial Aid Application for Summer School.

Follow these steps to complete the application:

- Go to https://apps.ksbe.edu/financialaid/ to complete a financial aid application.
  - Financial Aid uses one application per family; multiple applicants sharing the same parents apply on one application.
- Applications and required documents must be postmarked no later than Tuesday, February 16, 2016.

#### $Follow\ these\ steps\ to\ submit\ required\ documentation:$

The required documents submitted with the financial aid application are based upon each family's situation. Please review the Document Cover Sheet to identify the type(s) of required document(s) that must be submitted.

- Please use the Document Cover Sheet when submitting all documents.
  - Document Cover Sheet can be found at the end of your financial aid application or listed at the Financial Aid & Scholarship Services website at https://apps.ksbe.edu/financialaid/k12/ summer/, under "Forms"
- Mail or deliver the Document Cover Sheet and required documents to:

Kamehameha Schools Applicant Services Center 567 South King Street, Suite 102 Honolulu, Hawai'i 96813

Additional reminders when applying for financial aid:

- **INCOMPLETE** applications will not be considered for financial aid.
- LATE applications WILL NOT BE ACCEPTED.

#### Where can I get help with my Financial Aid application and/or turn in my application and documents?

There are several ways to get help with your application:

- Call Applicant Services Center at (808) 534-8080 toll-free at 1-800-842-4682, then press 2.
- Send us an email at asc@ksbe.edu.
- Visit our website to find useful information about Summer School Financial Aid at https://apps.ksbe.edu/financialaid/k12/ summer/
- Visit our Resource Center offices; for location information go to https://apps.ksbe.edu/resourcecenters/

Students who are awarded financial aid and later decide not to attend summer programs must notify the Hālau Kupukupu Innovations Academy Office immediately to allow waitlisted students the opportunity to enroll. Parents failing to provide timely notice, prior to or by the start of the summer program, will be given lower priority when registering for future summer programs.

#### TRANSPORTATION

One-way or round trip bus transportation service is available to and from locations listed below for a fee, added to tuition cost.

| Morning Bus Service (one-way)   | \$50  |
|---------------------------------|-------|
| Afternoon Bus Service (one-way) | \$50  |
| Roundtrip Bus Service           | \$100 |

To request bus service, complete the Transportation section of the program application. Bus seat awards will accompany conditional enrollment letters mailed to applicants in early April. Bus transportation for waitlisted students who are later offered a program seat is not guaranteed and may not be available on desired routes.

Bus seating capacity is limited, and **route pick up and drop off times are approximate**. No route changes, alterations, or courtesy stops are allowed. The Transportation department reserves the right to cancel or change bus route times and locations dependent upon rider enrollment.

Campus supervision is not available for High School students who choose a half-day schedule. Parents are responsible for retrieving students in a timely manner after daily close of program.

#### STUDENT DRIVERS

Students driving to and from campus must register prior to the start of the summer program to obtain a parking application and Student Driver's Manual. All parking applications are kept on file with the KS Security Office.

Students who hold a space on a Kamehameha bus for summer programs will not be granted driving and parking privileges.

# **BUS SERVICES**

SUMMER 2016

| ROUTE                             | BUS STOP                                       | APPROX. PICK UP TIME                | APPROX. DROP OFF TIME |
|-----------------------------------|--|-------------------------------------|-----------------------|
| WAIMEA<br>BUS SERVICE             | Waimea - KS Preschool<br>Hawaiian Homes Office | 6:00am                              | 4:45pm                |
| BUS SERVICE                       | Arrives/Departs KSH                            | (Arrives 7:30am)                    | (Departs 3:05 pm)     |
|                                   | Pa'auilo - Earl's Store                        | 6:05am                              | 4:40pm                |
|                                   | Laupāhoehoe Pool                               | 6:25am                              | none                  |
|                                   | Laupāhoehoe Minit Stop                         | —                                   | 4:20pm                |
| PA'AUILO                          | Honomū - Ed's Bakery                           | 6:50am                              | 4:00pm                |
| BUS SERVICE                       | Pepe'ekeo – Yoshizawa Store                    | 7:00am                              | _                     |
|                                   | Pepe'ekeo – Hāmākua FCU                        | —                                   | 3:45pm                |
|                                   | Pāpa'ikou Community Center                     | 7:05am                              | 3:30pm                |
|                                   | Arrives/Departs KSH                            | (Arrives 7:30am)                    | (Departs 3:05pm)      |
|                                   | Ocean View                                     | 5:45am                              | 5:00pm                |
|                                   | Waiʻōhinu - Kauahaʻao Church                   | 5:55am                              | 4:45pm                |
|                                   | Nā'ālehu Theatre                               | 6:00am                              | 4:35pm                |
|                                   | Punalu'u                                       | 6:15am                              | 4:25pm                |
| NĀ'ĀLEHU<br>BUS SERVICE           | Pāhala Shopping Center                         | 6:30am                              | 4:15pm                |
|                                   | Volcano Store                                  | 7:00am                              | 3:45pm                |
|                                   | Glenwood - Glenwood Park                       | 7:10am                              | 3:30pm                |
|                                   | Mt. View                                       | 7:20am                              | 3:25pm                |
|                                   | Arrives/Departs KSH                            | (Arrives 7:30am)                    | (Departs 3:05pm)      |
|                                   | Da Store                                       | 7:00am                              | Elementary: 3:25pm    |
|                                   | Da Store                                       | 7:00am                              | MS/HS: 3:40pm         |
|                                   | Dābos Marketalaco                              | 6:50am                              | Elementary: 3:15pm    |
| -                                 | Pāhoa Marketplace                              | 0.50am                              | MS/HS: 3:30pm         |
| PĀHOA<br>BUS SERVICE              | Orchidland - Wikiwiki Mart                     | 6:45am                              | Elementary: 3:10pm    |
|                                   |  | 0.43811                             | MS/HS: 3:25pm         |
|                                   | Kea'au - HFS FCU                               |                                     | Elementary: 3:00pm    |
|                                   | Keadu Thisteo                                  |                                     | MS/HS: 3:15pm         |
|                                   | Arrives/Departs KSH                            | (Arrives 7:30am)                    | (Departs 2:55pm)      |
|                                   | Wong Stadium (ES)                              | 7:15am                              | 3:15pm                |
| WONG STADIUM<br>BUS SERVICE       | Wong Stadium (MS/HS)                           | 7:10am                              | 3:30pm                |
|                                   | Arrives/Departs KSH                            | 7:30am                              | 2:55pm                |
|                                   | Employee Parking/Men's Macys (ES)              | yee Parking/Men's Macys (ES) 7:15am |                       |
| PRINCE KŪHIŌ PLAZA<br>BUS SERIVCE | Food Court (MS/HS)                             | 7:15am                              | 3:25pm                |
|                                   | Arrives/Departs KSH                            | (Arrives 7:30am)                    | (Departs 2:55pm)      |

#### ATTENDANCE

#### Absences

Hālau Kupukupu Innovations Academy has a strict attendance policy. Daily attendance is critical for students to truly benefit from a rigorous and dynamic summer learning experience. Absences due to family trips and vacations, games and/or athletic tournaments are discouraged and students who are unable to commit to the full Summer Program are not eligible for this program.

#### **Elementary and Middle School**

Absences will affect student progress. Excessive absences will lead to disciplinary action which may include a *No Pass* for the course.

Consequences for students with (3) or more unexcused absences during the 2015 Summer Program will result in your child being given a lower priority during registration for the following summer. This may result in your child's inability to register for any 2017 summer courses.

#### **High School**

Students enrolled in a credited course shall lose credit status if more than one (1) day is missed. Two or more absences will result in release from the Summer Program with no refund.

### STUDENT EVALUATIONS & CREDIT

**Elementary School:** Students in grades K–5 will receive a final student progress report.

**Middle School:** Students in grades 6–8 will receive a final student progress report with *Pass* or *No Pass* as an evaluation of their work.

**High School:** Students in grades 9 through 12 will receive a final report card with letter grades A–F for credited courses and *Pass* or *No Pass* for non-credit courses as an evaluation of their work. A copy of the student's credit level grades can be sent to the school that the student will attend in July/August of 2016, as designated on the registration form, which is available upon request.



#### LUNCH/SPECIAL DIETS

Nutritious lunches prepared in the Hā'aeamahi Dining Hall and snacks are included in the tuition cost. **All students are required to eat school lunches.** Outside food is not allowed. Students with special dietary needs must **bring a physician's note stating dietary restrictions prior to the start of the summer program.** Requests will be reviewed on a case-by-case basis.

# **COURSE MENU FOR GRADES K-8**

SUMMER 2016

|             |                  |                                      |                                    |   |                | ENTE | RING | GRADE         | E LEVE | L |               |   |
|-------------|------------------|--------------------------------------|------------------------------------|---|----------------|------|------|---------------|--------|---|---------------|---|
| PAGE<br>NO. | COURSE<br>NUMBER | COURSE TITLE                         | COURSE<br>SCHEDULE                 |   | _ower<br>menta | ry   | El   | Uppe<br>ement |        |   | \iddl<br>choc |   |
|             |                  |                                      |                                    | к | 1              | 2    | 3    | 4             | 5      | 6 | 7             | 8 |
| 10          | HSE000K          | Kinder-GARDENERS                     |                                    | • |                |      |      |               |        |   |               |   |
| 10          | HSE001A          | Rainforest Rangers                   |                                    |   | •              |      |      |               |        |   |               |   |
| 10          | HSE001B          | Let the Forest be<br>with You!       |                                    |   | •              |      |      |               |        |   |               |   |
| 10          | HSE002A          | Explore the Shore!                   |                                    |   |                | •    |      |               |        |   |               |   |
| 11          | HSE002B          | Geology Around Me                    |                                    |   |                |      |      |               |        |   |               |   |
| 11          | HSE003A          | Guardians of the 'Āina               |                                    |   |                |      |      |               |        |   |               |   |
| 12          | HSE003B          | Exploration Innovation               |                                    |   |                |      | •    |               |        |   |               |   |
| 12          | HSE004A          | Loko I'a Engineering                 | ALL K-8<br>COURSES ARE<br>FULL-DAY |   |                |      |      | •             |        |   |               |   |
| 12          | HSE004B          | NEW!<br>Pai 'Alalā Mode              |                                    |   |                |      |      |               |        |   |               |   |
| 12          | HSE005A          | Designing a 21st<br>Century Ahupua'a |                                    |   |                |      |      |               | •      |   |               |   |
| 12          | HSEOO5B          | NEW!<br>The Real Mc Koʻe             |                                    |   |                |      |      |               |        |   |               |   |
| 13          | HSM678D          | Cloudy with a Chance<br>of Poi Balls |                                    |   |                |      |      |               |        |   |               | • |
| 14          | HSM678A          | Fish & Poi                           |                                    |   |                |      |      |               |        |   |               |   |
| 14          | HSM678B          | H₂Ola                                |                                    |   |                |      |      |               |        |   |               |   |
| 14          | HSM678C          | ENERGY-neering                       |                                    |   |                |      |      |               |        |   |               | • |

# Elementary Program

Hālau Kupukupu Innovations Academy is a summer learning adventure offering incredible academic and enrichment opportunities for students entering grades K-5. Learners are guided through rigorous and engaging 'ōiwi STEAM inquiries while applying Hawaiian thinking in transformative ways. They will investigate and develop innovative solutions to relevant problems in the fields of Science, Technology, Engineering, the Arts, and Math that positively impact our 'āina, lāhui, and world. This summer academy offers full-day, comprehensive experiences in dynamic learning environments.

#### **KINDER-GARDENERS**

Grade Level: Kindergarten\* Course #: HSE000K | 7:45am - 2:45pm

Discover the wonders of daily life in papa mālaa'o as a Kindergarten student at Kamehameha Schools Hawai'i! From the māla (garden) to the classroom, you will explore connections between science, technology, engineering, the arts, and math (STEAM) through a dynamic study of keiki literature. Explore the power of observation as you plan, plant, and harvest your māla. Begin to understand expectations and etiquette required for successful learning in a formal educational setting. Also develop meaningful work habits, practice readiness, and participate in a learning experience that supports creating, imagining, and innovating.

Hālau Kupukupu Innovations Academy Summer 2016 is open to students entering grades K-12 on Hawai'i island, including current Kamehameha Schools students, and students attending the State of Hawai'i DOE, public charter schools and other private institutions.

\*Kindergarteners must be 5 years of age by July 31, 2016.

#### RAINFOREST RANGERS

Grade Level: 1 Course #: HSE001A | 7:45am - 2:45pm

Calling all keiki park rangers! Get ready for a fun learning adventure through the integration of science, geography, engineering, math, mo'olelo (stories), and creative art activities. Explore and meet the plants and animals of our native rainforest by conducting observation studies and collecting data in the field alongside expert Rangers. Through a Hawaiian science investigation, uncover the meaning behind "Hahai ka ua i ka ululā'au. (The rain follows the forest.)" Learn about the importance of ecology and nature, then use your creativity to design a meaningful project that teaches others about preserving the rainforests, and ultimately our planet.

#### LET THE FOREST BE WITH YOU!

Grade Level: 1

Course #: HSE001B | 7:45am - 2:45pm

Our dry land forest friends need your help! High up on the slopes of Maunakea is a unique dry land forest ecosystem that is found nowhere else on earth. Engage all your senses in an inquiry-based exploration of this 'āina which is home to spectacular native plants and animals like the palila bird and māmane tree. Through educational field trips and a dynamic study of moʻolelo, mele, geography, and ecology, you will experience the dry forest and learn how you can help care for this special habitat and our forest friends too. Inspire others to do the same through a project you will design using technology, creativity, and imagination!

#### **EXPLORE THE SHORE!**

Grade Level: 2 Course #: HSE002A | 7:45am - 2:45pm

Future marine biologists needed for an exciting, interactive study of Hilo's rich coastal environments! Through hands-on activities, talking story with kupuna, educational field trips, and live specimen observations, students will explore the culturally and biologically important marine life and ecosystems of Hilo Hanakahi, Hilo One, and Hilo Palikū. Classroom and outdoor experiences that enhance cultural



scientific literacy will empower young learners to embark on an expedition through the inquiry process, constructing questions and solutions that promote conservation of our island's shoreline resources.

#### GEOLOGY AROUND ME

Grade Level: 2 Course #: HSE002B | 7:45am - 2:45pm

Did you know that our mokupuni (island) is home to five volcanoes? Join this dynamic, inquiry-based study of geology through mo'olelo, mele, and hula that will deepen your cultural and scientific understandings of the creative and destructive cycles of our living, growing 'āina. As a volcanologist, you will learn how volcanoes are formed and how they work. Come study hot magma, volcanic gases, flowing lava and more. Meet expert volcanologists, and learn about the different technology and tools that are used to study volcanoes. Then apply your knowledge and creativity in designing an impactful project that promotes the geology around you through a Hawaiian science perspective.

#### **GUARDIANS OF THE 'ĀINA** Grade Level: 3

Course #: HSE003A | 7:45am - 2:45pm

Ever wonder how our kupuna survived without stores like Wal-Mart, Longs, and KTA? Delve deeply into a dynamic, hands-on study of native plants blending science, technology, engineering, and math with literature, mele, art, and natural and cultural history. Learn how plants grow and their importance in nature. Discover how to use plants around you as food, medicine, clothing, or shelter to survive—as our kupuna did, and explore critical issues impacting native plant ecosystems today. As a junior ecologist, develop research questions, apply kupuna knowledge, and propose innovative solutions around sustaining the resources of our environment for future generations.

#### EXPLORATION INNOVATION

Grade Levels: 3, 4, 5 (multi-age course) Course #: HSE003B | 7:45am - 2:45pm

Your mission, if you choose to accept it: An interactive, inquiry-based venture into critical thinking, imagination, and innovation! Through an engaging study of cultural evolution that begins with kalo, mission explorers will examine cultural adaptations related to cultivation, economics, art, music, literature, and food preparation. You will be engaged in an extended process of forming questions, seeking knowledge, using resources, creating solutions for real-world problems, and developing a flexible growth mindset to adapt to changes in society in a pono way.

# LOKO I'A (FISH POND) ENGINEERING

Grade Level: 4 Course #: HSE004A | 7:45am - 2:45pm

Did you know our kupuna were inventors of technologically advanced fish ponds that produced an abundant supply of food? Develop your skills as a Hawaiian engineer through an exciting study of wahi pana, ecosystems, marine biology, and oceanography. Deepen your understanding of environmental processes and how fish ponds work. Conduct action research using traditional fish ponds and modern aquaculture systems as learning laboratories. Talk story with experts in our community and across the state. Then use your imagineering skills to design an aquaculture system to help feed our local and global communities!

### NEW! PAI 'ALALĀ MODE

Grade Level: 4 Course #: HSE004B | 7:45am - 2:45pm

Caw, Caw, Caw! Calling all 'alalā warriors to share the mo'olelo of this native manu and support its upcoming return to the wild. Did you know that the endemic 'alalā considered extinct in the wild will soon be released to its native habitat? In order for reintroduction to be successful, these special birds need your kōkua to survive and flourish. Explore the natural history as well as the many threats that caused 'alalā to become extinct in the wild and the conservation efforts that have led to the release of this clever bird. Meet experts in the field to develop solutions and help restore native habitat in order to best prepare these birds for their reintroduction. Take flight and become the voice of the 'alalā as you enhance your thinking, communication and presentation skills to share the compelling story of the 'alalā with our communities.

### DESIGNING A 21ST CENTURY AHUPUA'A

Grade Level: 5 Course #: HSE005A | 7:45am - 2:45pm

Help develop solutions to challenges we face living in 21st century ahupua'a. As a citizen urban planner for East Hawai'i, delve into an inquiry-based exploration of zoning and topography, traffic and roads, water and waste, and power and sustainability as related to the different wao (realms). Meet expert planners and leaders in our communities, conduct site-based research in different areas of East Hawai'i, and create hands-on simulations using various design and modeling tools. Construct questions and solutions that promote responsible and sustainable planning and management of our island home. Get ready for a fun learning experience that will sharpen your critical thinking, communication, and presentations skills!

#### **NEW!** THE REAL MC KO'E

Grade Level: 5 Course #: HSE005B | 7:45am - 2:45pm

Dig into the moist soil of the Earth and what will you find? You might come across a wiggly little ko'e (earthworm) hard at work. Did you know that these small organisms are decomposers that act like super heroes who can save you from the evils of pollution? As an environmental engineer, you will uncover the complex food web systems in our environments to understand how tiny super hero decomposers can be used in bioremediation, a process that uses living things to return a polluted environment back to being healthy. Join us on this journey to the secret life of decomposers and their magnificent impact on our lives.

# Middle School Program

Hālau Kupukupu Innovations Academy is a summer learning adventure offering incredible academic and enrichment opportunities for students entering grades 6-8. Learners are guided through rigorous and engaging 'ōiwi STEAM inquiries while applying Hawaiian thinking in transformative ways. They will investigate and develop innovative solutions to relevant problems in the fields of Science, Technology, Engineering, the Arts, and Math that positively impact our 'āina, lāhui, and world. This summer academy offers multi-age learning approaches and full-day, comprehensive experiences in dynamic learning environments.

# CLOUDY WITH A CHANCE OF POI BALLS

Grade Levels: 6, 7, 8 (multi-age) Course #: HSM678D | 8:00am - 2:45pm

Get ready for a dynamic, interactive, STEAMy study of the climate and weather of Hawai'i and the Pacific Region! Engaging classroom and outdoor learning experiences will deepen your Hawaiian scientific and cultural understanding of the processes of interaction between the lani (atmosphere) and honua (land surfaces of the earth). Study the effects of El Niño, La Niña, and the Pacific Decadal Oscillation on our climate and weather. Explore the trends and impact of critical issues such as global warming, ozone depletion, and the climatic impacts of deforestation. Meet practicing climatologists and college interns who are conducting exciting research in the field. Then formulate your own research questions, apply field measurement techniques, and develop innovative solutions to our environmental challenges.





#### **ENERGY-NEERING**

Grade Levels: 6, 7, 8 (multi-age) Course #: HSM678C | 8:00am - 2:45pm

Embark on an inquiry-based summer learning adventure solving challenges around energy selfreliance for our 'āina! Delve deeply into a cultural science exploration through moʻolelo and mele that grounds your understanding of and relationship with powerful elements in our natural surroundings. Then building upon that foundation, study renewable energy technologies emerging on our island: wind, solar, ocean energy, bioenergy, geothermal, and hydroelectric. Visit energy production sites, meet energy engineers in the field, and dive into multiple hands-on projects that harness your math, science, technology, and engineering skills. Learn how water energy is converted from potential to kinetic energy. make working solar ovens, wind turbines, or even design an energy-efficient house! Investigate and debate critical issues around powering your future in a culturally and environmentally responsible way.

#### H<sub>2</sub>OLA

Grade Levels: 6, 7, 8 (multi-age) Course #: HSM678B | 8:00am - 2:45pm

Huaka'i (journey) to the upland rainforests, the valuable watersheds that collect rainfall and feed underground water systems and streams essential for all life-ma uka to ma kai. Apply cultural and scientific skills and ways of thinking in this hands-on study of hydrology where you will learn techniques to identify, monitor, and conserve our island's water resources. Investigate impacts of water diversion, deforestation and reforestation, exotic weed growth, erosion, fire, and urban growth on the health and diversity of our watershed and native forests. Compare traditional and Western land management practices, participate in environmental service projects, and work with Hawaiian practitioners and natural resource managers. A hands-on course for 'āina enthusiasts who enjoy turning research and traditional knowledge into action!

#### FISH & POI

Grade Levels: 6, 7, 8 (multi-age) Course #: HSM678A | 8:00am - 2:45pm

Did you know that our kūpuna, for centuries, practiced sustainable food production to support large populations on all islands? Today, however, less than 10% of the food available in Hawai'i is actually produced here. Through an exciting, inquiry-based learning experience, investigate and help solve our island's challenges around local, sustainable food production from the land and sea, food security, and ultimately, greater food self-reliance for our communities. Engaging educational activities will enhance your knowledge and understanding of traditional farming and fishing practices closely linked to cycles in the natural environment. Visit small and large commercial farms and ventures on our island to learn first-hand about modern technologies and approaches. Apply your knowledge and innovative thinking to develop ideas that can help continue sustainable food production for our local and global communities through the 21st century.

# **COURSE MENU FOR HIGH SCHOOL**

SUMMER 2016

| PAGE | COURSE  | COURSE TITLE  | CREDIT INFO &                          |      | COURS                        |             | EN | TERIN<br>LEV |    | 4 D E |
|------|---------|---|--|------|------------------------------|-------------|----|--------------|----|-------|
| NO.  | NUMBER  | COURSE IIILE  | RESTRICTIONS                           | AM   | PM                           | FULL<br>DAY | 9  | 10           | 11 | 1:    |
| 16   | HS01127 | Marine Stewardship  | 1.0 elective                           |      |                              | -           | -  | -            | -  | •     |
| 16   | HS02230 | Papa 'Õlelo Hawai'i Makahiki 1  | 1.0 required<br>KS students only       |      |                              | •           |    |              |    | •     |
| 17   | HH06251 | Personal Health   | .5 required                            | •    | •                            |             |    | -            |    |       |
| 17   | HH02409 | Speech Communication 2  | .5 required                            | •    |                              |             |    |              | -  | •     |
| 17   | HSA4224 | Hawaiian Chant and Dance 1  | .5 elective                            | •    |                              |             |    | -            | -  | •     |
| 18   | HS02330 | Hawaiian Literature and Poetry  | .5 elective                            | •    |                              |             |    |              | -  | •     |
| 18   | HS05156 | Introduction to Academy Pathways  | .5 elective                            | •    |                              |             |    | -            |    |       |
| 18   | HS02243 | Introduction to Conversational Hawaiian   | .5 elective                            | •    |                              |             |    | -            | -  | •     |
| 18   | HS01264 | Mathematics Workshop  | .5 elective                            | •    |                              |             |    | -            | -  | •     |
| 18   | HS01264 | Research Writing  | .5 elective                            | •    |                              |             |    | -            | -  | •     |
| 17   | HS09756 | SAT Preparation   | Non-credit                             | •    |                              |             |    | -            | -  | •     |
| 17   | HHH6258 | Strength Training and Conditioning  | .5 elective                            | •    |                              |             |    |              | -  | •     |
| 18   | HH02106 | DUAL CREDIT<br>Composition I (English 100)  | .5 elective HS & 3 college credits     | •    |                              |             |    | -            | -  | •     |
| 19   | HH01269 | DUAL CREDIT<br>Survey of Mathematics ( Math 100)                                      | .5 elective HS &<br>3 college credits  |      | •                            |             | •  | •            | -  | •     |
| 19   | HS02166 | A Novel Idea!   | .5 elective                            |      |                              |             |    |              | -  |       |
| 19   | HSB7513 | NEW! Entrepreneurship<br>and Innovation   | .5 elective                            |      |                              |             |    |              |    | •     |
| 19   | HSS7410 | NEW? He Wa'a, He Moku -<br>Seminar Polynesian Voyaging                                | .5 elective                            |      |                              |             | •  | -            | -  | •     |
| 20   | HHH7303 | Human Development   | .5 elective                            |      |                              |             |    |              | -  |       |
| 20   | HSE7224 | Introduction to Robotics  | .5 elective                            |      |                              |             |    |              |    | 1     |
| 20   | HS08610 | NEW! Life Skills Empowerment  | .5 elective                            |      |                              |             |    | -            | -  | •     |
| 20   | HSH7321 | NEW! Sports Nutrition   | .5 elective                            |      | •                            |             |    | -            | -  |       |
| 20   | HS04115 | Sustainable Hawaiian Art  | .5 elective                            |      |                              |             |    | -            | -  | 1     |
| 20   | HS05157 | Applying 21st Century<br>Digital Skills   | .5 elective                            |      | ided Oi<br>ial Sch           |             |    | •            | •  |       |
| 21   | HH08503 | NEW! DUAL CREDIT<br>Building Bridges to Self,<br>College, and the Community (I.S.101) | 1.0 elective HS &<br>6 college credits |      | ial Sch<br>M-Th<br>) to 11:1 |             |    | -            |    |       |
| 21   | HH03270 | NEW! Introduction to Ho'oponopono<br>(HSER./SUBS.141)                                 | (must register for both courses)       | 8:00 | F<br>to 3:00                 | 0 pm.       |    |              |    |       |
| 21   | HH08407 | Career Academy Internship 1   | None                                   |      | nternsh<br>ial Sch           | •           |    |              |    |       |
| 21   | HH08412 | Career Academy Internship 2   | None                                   |      | nternsh<br>tial Sch          | •           |    |              | •  |       |

NOTE: Early College Aspirations Program courses will NOT be posted in the body of student transcripts. They will be noted in the "Comments" section of a student's transcript acknowledging the college, college course name, grade mark received and high school credit approval.

# High School Program

Hālau Kupukupu Innovations Academy offers credit advancement for high school students seeking to earn required and/or elective credit(s) for the 2016-2017 school year. The expanded early College Aspirations Program will offer more dualcredit classes in which students can earn credits needed for graduation while building momentum for a college degree.

High school students can elect morning, afternoon, or full-day courses.

|                               | -        | nursday, July 1<br>ay, July 4, 201 |          |
|-------------------------------|----------|------------------------------------|----------|
|                               | SESSION  | START TIME                         | END TIME |
|                               | Full Day | 8:00am                             | 3:00pm   |
| HIGH<br>SCHOOL<br>Grades 9-12 | AM Only  | 8:00am                             | 11:15am  |
|                               | PM Only  | 11:45am                            | 3:00pm   |

Students in full day courses are eligible for roundtrip bus transportation. Students scheduled for a **morning course only** are eligible for morning bus transportation to campus. Once instruction is finished, students are responsible for providing their own transportation home. Students scheduled for an **afternoon course only** must provide their own transportation to campus but are eligible for afternoon bus transportation home. No campus supervision is available for students who choose a half day schedule.

It is recommended that students obtain pre-approval for course credits from their home schools before registering for KSH summer classes to ensure acceptance of credit(s) earned.

Hālau Kupukupu Innovations Academy reserves the right to cancel any class should enrollment fall below minimum allowance.

Course descriptions are subject to change at the discretion of course instructors.

#### MARINE STEWARDSHIP

(Formally: Geography of Hawaiʻi Island– Wahi Pana o Hawaiʻi: Marine Stewardship) Course #: HS01127 | Full Day Session: 8:00am-3:00pm

- Open to all high school students
- 1.0 elective credit for KSH students

Spend your summer at the beach in this intensive, project-based course focusing on marine stewardship and sustainability! Emphasis is placed on the comparisons between traditional and western conservation practices, outdoor field skills, laboratory science, and environmental service work. Wahi pana visits and field trips to explore Hawai'i's biological diversity are an integral part of this course. Opportunities to work alongside Marine Biologists, Hawaiian practitioners, resources managers, and university interns are provided throughout the summer. As a culminating project, student teams conceptualize and execute a "mini" research plan which develops valuable skills in science and environmental literacy, communication, team work, leadership, and mentoring.

### PAPA 'ŌLELO HAWAI'I MAKAHIKI 1

Course #: HS02230 | Full Day Session: 8:00am - 3:00 pm

- Open to KSH students only in grades 10–12. Meets Hawaiian Language I requirement for graduation. Successful completion of the Hawaiian Proficiency Test is required for advancement.
- 1.0 required credit for KSH students

This course is designed with the intent of introducing basic vocabulary and sentence patterns which, when coupled with thematic, every-day applications, allow the students to develop a greater appreciation for Hawaiian language and culture and their place in today's society. The primary goal for this course is to provide students with the opportunity to learn and to develop basic Hawaiian language skills, with particular emphasis on both conversational proficiency and grammatical correctness. A few of the topics in this course include but are not limited to basic salutations: vocabulary based on an array of themes relevant to every-day social interaction both within school, at home, and in the community; basic sentence patterns which allow for communicability of thoughts, and emotions; and basic text production.

#### PERSONAL HEALTH

Course #: HH06251 Morning session: 8:00am - 11:15 am Afternoon session: 11:45am - 3:00pm

- Open to all high school students
- KSH students: .5 credit required for all grade 9 and new grade 10 students

Personal Health is designed to meet various needs of teenagers. Units of study include personality, relationships, values, sexual health, nutrition, and substance abuse as they relate to today's teens. Information is taught to students in a variety of ways. Students are viewed as active learners with a wealth of thoughts, opinions and questions waiting to be unleashed via an active approach. Much of the learning occurs within the context of cooperative groups. Students assume a major responsibility for their own learning. Students are assessed on their ability to apply the information and skills they have learned via integrated projects, portfolios, electronic presentations, tests and quizzes.

### SAT PREPARATION

Course #: HS09756 Morning Session: 8:00am – 11:15am

Non-credit course open to all high school students

This course is designed to assist students in preparation for the SAT test. Students will learn test taking strategies and skill building to improve their performance on the SAT.

### **SPEECH COMMUNICATION 2**

Course #: HH02409 Morning Session: 8:00am - 11:15am Afternoon Session: 11:45am - 3:00pm

- Open to all grade 11–12 students
- KSH students: .5 credit required for all grade 11 and 12 students; Endorsement Elective for Academy of Health and Wellness

Speech Communication 2 is designed to expand students' skills in organizing information for speaking presentations, critical thinking in communication situations, and public speaking techniques. There is emphasis on persuasive speaking and research skills. Speaking experiences may include: informative and persuasive speaking, storytelling, small group discussion and facilitative leadership skills in leading discussions, job and personal interviewing, and developing comfort with using a speaker system (microphone). In addition, presentation skills requiring the use of Power Point or multimedia sources is also practiced in this advanced speech course.

# STRENGTH TRAINING

Course #: HHH6258 Morning Session: 8:00am – 11:15am

- Open to all grade 11–12 students
- KSH students: .5 elective credit for grade 11 and 12 students; Endorsement Elective for Academy of Health and Wellness

Strength Training and Conditioning is designed to develop dynamic strength and power necessary to compete at a high level of physical output. Strength, agility, balance, core strength, flexibility, speed, power, the latest trends and fitness careers will be explored.

### HAWAIIAN CHANT AND DANCE 1

Course #: HSA4224 Morning Session: 8:00am – 11:15am

- Open to all high school students
- .5 elective credit for KSH students

E a'o i ka hula, e waiho i ka hilahila i ka hale. When learning the hula, leave shyness at home. Learn some traditional aspects of hula, as well as basic hula steps and hand motions. Students will be introduced to historical traditions of hula, including a classroom study of akua hula, kinolau hula and 'ūniki rituals. Students will also be introduced to beginning chant and hula repertoire during this four-week summer course.

### HAWAIIAN LITERATURE AND POETRY

Course #: HS02330 | Morning Session: 8:00am - 11:15am

- Open to all high school students
- .5 elective credit for KSH students

He Aupuni Palapala Koʻu; 'O Koʻu Kanaka Pono 'O ia Koʻu Kanaka. Mine is The Kingdom of Education; The Righteous Man is My Man! (Kauikeaouli Kamehameha III) This course focuses on traditional and contemporary literature and poetry.

### INTRODUCTION TO ACADEMY PATHWAYS

Course #: HS05156 | Morning Session: 8:00am - 11:15am

- Open to all high school students
- .5 elective credit for KSH students grade 9–10

Students will explore the Career Pathways at Kamehameha Schools Hawai'i as they engage in classroom activities, go on various huaka'i, and interact with guest speakers. The Career Pathways include: Health Services, Engineering & Design, Business & Leadership, Human Services, Art & Communication, and Science & Natural Resources.

# INTRODUCTION TO CONVERSATIONAL HAWAIIAN

Course #: HS02243 | Morning Session: 8:00am - 11:15am

- Open to all high school students
- .5 elective credit for KSH students

I ka 'õlelo nō ke ola, i ka 'õlelo no ka make! in language there's life, in language there's death. Keep our language alive! Learn and use language in different contextual settings. Increase your vocabulary and knowledge of sentence structure. Practice your fluency and understanding of our language through short Hawaiian Language stories, excerpts, and monologues. Apply your knowledge of Hawaiian Language in your daily life and environment. Compose and publish short songs and stories.

#### MATHEMATICS WORKSHOP

Course #: HS01264 | Morning Session: 8:00am - 11:15am

- Open to all grade 9–10 students
- .5 elective credit for KSH students

This course is designed for students who need to strengthen their understanding of mathematical concepts in each of the mathematics strands: Number and Operations; Measurement; Geometry and Spatial Sense; Patterns, Functions, and Algebra; and Data Analysis, Statistics, and Probability. Concepts should be systematically developed using concrete materials, multiple representations, and symbols.

#### **RESEARCH WRITING**

Course #: HS02186 | Morning Session: 8:00am - 11:15am

- Open to all grade 10–12 students
- .5 elective credit for KSH students

This intensive course is for high school students who want to learn more about research writing. The course will foster a safe community for students to research, write, and explore their cultural voice. Students will survey three research methods (academic, scientific, and action research) used in academic settings, conduct their own research using these methodologies, and produce written pieces to share their research. A final, summative inquiry project will ask students to match methodology to a targeted research question of their own design. Students will learn to conduct research, evaluate sources, and avoid plagiarism using the MLA format. Students will have time to research and gather information as well as time to share and critique writing. Accessibility to internet and daily access to computer in class will be provided.

### DUAL CREDIT: COMPOSITION I (ENGLISH 100)

EARLY COLLEGE ASPIRATIONS PROGRAM

Course #: HH02106 | Morning Session: 8:00am - 11:15am

- Open to all high school students
- 3 college credits for all students and .5 high school elective credit for KSH students

Instruction and practice in writing clear, effective university-level prose. Attention to all stages of the

process—generating ideas, drafting, revising, and editing. Additional registration steps and course prerequisites from the higher education partner institution may apply. A detailed addendum will be provided to interested applicants in early spring.

### DUAL CREDIT: SURVEY OF MATHEMATICS (MATH 100)

EARLY COLLEGE ASPIRATIONS PROGRAM

Course #: HH01269 Afternoon Session: 11:45am - 3:00pm

- Open to all high school students
- 3 college credits for all students and .5 high school elective credit for KSH students

Designed to acquaint non-science majors with mathematical reasoning and problem solving, and to expose students to the power and utility of mathematics through its relationship to the world. Foundation topics covered are problem solving, elementary logic, and numeration systems; additional topics may include one or more of the following areas: algebra, geometry, probability, and statistics. Throughout the course proofs and historical perspectives are included as appropriate. Additional registration steps and course prerequisites from the higher education partner institution may apply. A detailed addendum will be provided to interested applicants in early spring.

#### A NOVEL IDEA!

Course #: HS02166 | Afternoon Session: 11:45am - 3:00pm

- Open to all high school students
- .5 elective credit for KSH students

Have you ever dreamed of writing a novel? Get ready for a summer writing adventure that culminates in you becoming a published author! Explore novel writing through focused writing lessons that take you through the creative writing process step by step, from generating plot ideas to creating conflict and developing characters. Learn crucial skills you need to unlock your imagination and bring your story ideas to life. Course emphasis is on creating a community of writers while learning the craft of fiction writing.

### NEW: ENTREPRENEURSHIP AND INNOVATION

Course #: HSB7513 Afternoon Session: 11:45am – 3:00pm

- Open to all high school students
- .5 elective credit for KSH students

Change the world via venture creation! This handson course focuses on the creation, evaluation, development, and launch-readiness of new business or social enterprises. Students are guided through each phase of the new venture creation process as applied to team-selected venture ideas. Throughout the class students refine their venture's hypothesized business model based on instructor, visiting experts, and peer feedback. Students hone critical professional skills including creative problem solving, communication and negotiation, project management, financial analysis, and collaborative leadership. As a culminating project, participants generate a robust business model, with supportive venture plan documents, investor pitch, website, and crowd funding video.

### NEW! HE WA'A HE MOKU - SEMINAR IN POLYNESIAN VOYAGING

Course #: HSS7410 Afternoon Session: 11:45am - 3:00pm

- Open to all high school students
- .5 elective credit for KSH students

He wa'a he moku, he moku he wa'a. An island is a canoe, a canoe is an island. Have you ever wondered what it is like to be a crew member aboard a doublehull voyaging canoe? This class focuses on the wa'a as a unique environment for us to learn and practice leadership and stewardship values mai nā kūpuna mai. How can we sustain our community by applying canoe concepts and perspective today? This class will include mo'olelo, navigation, plotting, basic sailing skills, life aboard a voyaging canoe, research on canoes in the Pacific, as well as chant, dance, and hula.

Note: This course may require evening or overnight field trips.

#### HUMAN DEVELOPMENT

Course #: HHH7303 | Afternoon Session: 11:45am - 3:00pm

- Open to all grade 10–12 students
- .5 elective credit for KSH students; Required Endorsement Elective for Academy of Health and Wellness

Human Development explores concepts, issues, theories of human growth and development from conception to death. Focus will be on the interrelation of physical, cognitive, and psychosocial development of an individual throughout a human life span.

#### INTRODUCTION TO ROBOTICS

Course #: HSE7224 | Afternoon Session: 11:45am - 3:00pm

- Open to all high school students
- .5 elective credit for KSH students

Use your inquiry skills and creativity in the field of robotics through fun and user friendly activities. Students will integrate science principles, use of technology, engineering concepts, and mathematics through hands on learning experiences. This class will be an introduction into constructing and programming simple robots.

#### **NEW!** LIFE SKILLS EMPOWERMENT

Course #: HS08610 | Afternoon Session: 11:45am - 3:00pm

- Open to all high school students
- .5 elective credit for KSH students

Know how to establish credit, buy a car, or rent an apartment? Ever had to cook for yourself or do your own laundry? This course offers hands-on, practical experiences that give students a taste of survival skills for the real world before they actually enter it. Units include: Personal Finance, Independent Living, Consumer Health and Wellness, and Nutrition and Food Preparation.

#### **NEW!** SPORTS NUTRITION

Course #: HSH7321 | Afternoon Session: 11:45am - 3:00pm

- Open to all grade 10–12 students
- .5 elective credit for KSH students

Learn the science behind nutrition and its effects on performance, muscle growth, and fat loss. We've all heard the saying, "You are what you eat," but this old axiom tells only part of the story. While correct nutrition is essential to a proper fitness training program, it's also critical to consider HOW you eat. Learn important concepts like: meal frequency, macronutrient ratios, specificity to athletic objectives, and periodizing caloric intake. Whether you want to be a personal trainer, nutritionist, or are new to the fitness industry, this course can vastly improve your training programs and possibly spark an interest in the field.

#### SUSTAINABLE HAWAIIAN ART

Formally: Art: Hawaiian Media Course #: HS04115 | Afternoon Session: 11:45am - 3:00pm

- Open to all high school students
- .5 elective credit for KSH students

E ulana a pa'a ka 'ike o nā kūpuna! Weave until the knowledge of our kūpuna is firm! Explore the world of art through the lens of our ancestors. Understand the use of our natural resources in creating art that is functional and a part of our Hawaiian way of life. Be an artisan of skill and knowledge of two-dimensional and three-dimensional Hawaiian art. A study of contemporary art by native Hawaiian artists will inspire students to pursue their ideas through different media. Students will discover their own talents in creating art pieces that will be shared through a simulated art gallery presentation.

#### **APPLYING 21ST CENTURY** DIGITAL SKILLS

Course #: HS05157 Blended Online Course: Special Schedule

- Open to all high school students
- .5 elective credit for KSH students

Are you a Genius? Come flex your tech muscles! Prepare for a future where technology continues to change at the speed of light! Get started with Google by mastering the basics of our online tools. Become a Google Educator, and deepen your knowledge by learning and applying the power of digital media to create and share information in ways never before

possible. Learn to navigate through potential pitfalls and obstacles in the digital world in a safe and nurturing environment.

Ma ka hana ka 'ike 'enehana! Learn new technology through practice!

### NEW! BUILDING BRIDGES TO SELF, COLLEGE, AND THE COMMUNITY (I.S.101)

EARLY COLLEGE ASPIRATIONS PROGRAM

Course #: HH08503

Special Schedule: Monday thru Thursday 8:00am - 11:15am, Friday 8:00am - 3:00pm

- Open to all high school students
- Students must register for both I.S. 101 & HSER./ SUBS. 141. Courses cannot be taken separately.
- 6 college credits for all students and 1.0 high school elective credit for KSH students

This course builds the academic, technological, social, and personal skills needed to succeed in college and the work world, including goal setting and teamwork. Self refection and community engagement support the development of problem solving, critical thinking, stress management, and global understanding skills. Course builds a foundation for any first year student to succeed in the college environment as well as explore applications to social science disciplines including psychology, sociology and political science which underpin personal and social change.

#### NEW! INTRODUCTION TO HO'OPONOPONO (HSER./SUBS. 141) Course #: HH03270

Special Schedule: Monday thru Thursday 8:00am - 11:15am, Friday 8:00am - 3:00pm

- Open to all high school students
- Students must register for both I.S. 101 & HSER./ SUBS. 141. Courses cannot be taken separately.
- 6 college credits for all students and 1.0 high school elective credit for KSH students

This is an experiential course that focuses on counseling and resolving conflict among families, individuals and other groups using Hawaiian cultural methods of Ho'oponopono (family) and Ho'oku'u Ka Hewa (individuals and other groups). Students will examine Hawaiian historical foundations, spiritual principles, values and beliefs; protocol and rituals; ancient and modern processes; and levels of involvement and responsibility among participants.

#### CAREER ACADEMY INTERNSHIP 1 Course #: HH08407

- Open to KSH students only
- .5 elective credit with completion of 60 hour internship
- Prerequisite: Completion of Junior Shadows or Teacher Recommendation; Completion of 1 credit of required course work in student's Academy
- Apply by February 14 to the Career Academy Office. Resume required.

Gain practical, first-hand knowledge in a broad occupational cluster through a structured internship learning experience. This internship is designed to give KSH students an opportunity to explore their career interests and apply classroom knowledge and skills to actual work situations. Students will earn course credit for fulfilling 60 hours of worksite experiences, completing all internship assignments, and obtaining a satisfactory Host assessment. Students must be able to provide their own transportation to and from assigned worksites.

#### CAREER ACADEMY INTERNSHIP 2 Course #: HH08412

Open to KSH students only

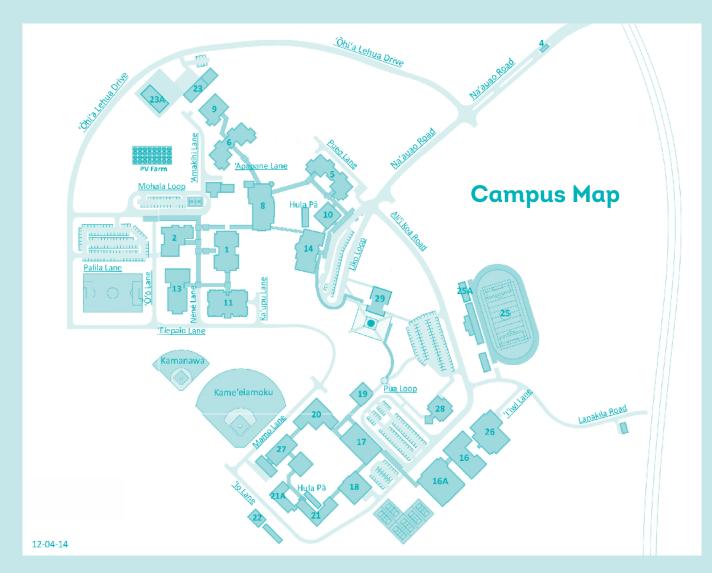
- 1.0 credit with completion of 120 hour internship
- Prerequisite: Completion of Junior Shadows or Teacher Recommendation; Completion of 1 credit of required course work in student's Academy
- Apply by February 14 to the Career Academy Office. Resume required.

KSH students who complete Career Academy internship 1 and choose to pursue an additional 60 hours of enhanced work experiences through Career Academy internship 2 will increase their transferable, technical, and employability skills. KSH students will earn full credit for completing all internship assignments and obtaining a satisfactory Host assessment. Students must be able to provide their own transportation to and from assigned worksites.

# Course Change or Withdrawal Form

| PLEASE PRINT LEGIBLY)  |  |  |  |
|--|--|--|--|
|  |  | KS Student Number  |  |
|  |  |  |  |
| udent's Legal Name   | FIRST  | Grade Enter  | ing ('16–'17) Sex  |
|  |  |  |  |
| OURSE CHANGE REQUEST   | May 31, 2016 will be charged a   | ted until May 27, 2016. Any reques<br>\$25 processing fee. If space is avai<br>ew schedule. <i>Please Note: Most clo</i><br>course, write <b>"None</b> " | ilable, we will process  |
| ld Course #  | Delete (   | Course #   |  |
| d Course #   | Delete 0   | Course #   |  |
| eason:   |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| rent Signature   |  | Date   |  |
|  |  | Date   |  |
|  |  | Date   |  |
| equests will not be considered without parent signate  | Please withdraw my child lister will be charged the following fe   | Date<br>d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awardeo</b><br>- Full Tuition Due / Charged / No F                           | ner classes. I understand I<br>es): Before May 27, 2016 –                    |
| rquests will not be considered without parent signate  | Please withdraw my child lister will be charged the following fe   | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awarde</b> e   | ner classes. I understand I<br>es): Before May 27, 2016 –                    |
| equests will not be considered without parent signate  | Please withdraw my child lister will be charged the following fe   | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awarde</b> e   | ner classes. I understand I<br>es): Before May 27, 2016 –                    |
| rquests will not be considered without parent signate  | Please withdraw my child lister will be charged the following fe   | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awarde</b> e   | ner classes. I understand I<br>es): Before May 27, 2016 –                    |
| quests will not be considered without parent signate   | Please withdraw my child lister will be charged the following fe   | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awarde</b> e   | ner classes. I understand I<br>es): Before May 27, 2016 –                    |
| equests will not be considered without parent signate  | Please withdraw my child lister will be charged the following fe   | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awarde</b> e   | ner classes. I understand I<br>es): Before May 27, 2016 –                    |
| ason:  | Please withdraw my child lister<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016 | d above from ALL KS Hawaiʻi Sumn<br>ees, <b>(includes financial aid awarde</b> e<br>- Full Tuition Due / Charged / No F                                  | ner classes. l understand l<br>es): Before <b>May 27</b> , 2016 –<br>Refund. |
| rent Signature   | Please withdraw my child liste<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016  | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awardee</b><br>- Full Tuition Due / Charged / No F                                   | ner classes. l understand l<br>es): Before May 27, 2016 –<br>Refund.         |
| rent Signature   | Please withdraw my child liste<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016  | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awardee</b><br>- Full Tuition Due / Charged / No F                                   | ner classes. l understand l<br>es): Before May 27, 2016 –<br>Refund.         |
| rent Signature   | Please withdraw my child liste<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016  | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awardee</b><br>- Full Tuition Due / Charged / No F                                   | ner classes. l understand l<br>es): Before May 27, 2016 –<br>Refund.         |
| rent Signature funds will not be processed without parent signatur   | Please withdraw my child liste<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016  | d above from ALL KS Hawai'i Sumn<br>ees, (includes financial aid awardee<br>– Full Tuition Due / Charged / No F<br>Date<br>Date                          | ner classes. l understand l<br>es): Before May 27, 2016 –<br>Refund.         |
| rent Signature funds will not be processed without parent signatur mehameha Schools Hawai'i ilau Kupukupu Office -716 Volcano Road   | Please withdraw my child liste<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016  | d above from ALL KS Hawai'i Sumn<br>ees, <b>(includes financial aid awardee</b><br>- Full Tuition Due / Charged / No F                                   | ner classes. l understand l<br>es): Before May 27, 2016 –<br>Refund.         |
| equests will not be considered without parent signature //ITHDRAWAL REQUEST eason: eason: efunds will not be processed without parent signatur efunds will not be processed without parent sign | Please withdraw my child liste<br>will be charged the following fe<br>\$25.00 Fee; After <b>June 3</b> , 2016  | d above from ALL KS Hawai'i Sumn<br>ees, (includes financial aid awardee<br>– Full Tuition Due / Charged / No F<br>Date<br>Date                          | ner classes. I understand I<br>es): Before May 27, 2016 –<br>Refund.         |

×-



- 1 Kamāka'imoku: Administration Office and Classrooms
- 2 Ke'eaumoku Nui: Classrooms
- 4 Hale Hoʻomalu: Main Gate
- 5 Kekūanāoʻa: Classrooms
- 6 Kīna'u: Classrooms
- 8 Hā'aeamahi: Dining Hall
- 9 Keaka: Covered Playcourt
- 10 Pauahi Lani Nui: Administration Office
- 11 Kekelakekeuokalani: Classrooms
- 13 La'amea: Gymnasium
- 14 Charles Reed Bishop Learning Center
- 16A Koai'a: Gymnasium
- 16 Koai'a: Physical Education Classrooms and Lockers
- 17 Kekuʻiapoiwa Learning Center
- 18 Keawe: Dining Hall
- 19 Ke Ali'i Bernice Pauahi Bishop: Administration Building

#### 20 Keōua: Classrooms

- 21 Pākī: Classrooms
- 21A Konia: Classrooms
- 22 Hale Kākulu: Māla (Garden) Classroom
- 23 Hale Mālama Kahua: Physical Plant
- 23A Hale Kahua Ola: Grounds
- 25 Pai'ea: Football/Track/Soccer Complex
- 25A PTO Bookstore: Education Supplies, uniforms
- 26 Nae'ole: Swimming Pool Facility
- 27 Ka'ōleiokū: Vocational Arts Building and Classrooms
- 28 Kamaka'eha: Classrooms
- 29 William Charles Lunalilo Center: Chapel/Performing Arts
   Kame'eiamoku: Baseball Field
   Kamanawa: Softball Field
- Parking



KAMEHAMEHA SCHOOLS®

#### BOARD OF TRUSTEES

ROBERT K.W.H. NOBRIGA, CHAIRMAN CORBETT A.K. KALAMA, VICE CHAIRMAN MICAH A. KĀNE, SECRETARY/TREASURER LANCE KEAWE WILHELM

#### CHIEF EXECUTIVE OFFICER

LIVINGSTON "JACK" WONG

#### ADMINISTRATION

M. KĀHEALANI NAE'OLE-WONG, PO'O KULA JOY MOTTA, PO'O KUMU, HĀLAU KUPUKUPU ROCHELLE YAMASHITA, LEARNING AND INNOVATION OFFICER, HĀLAU KUPUKUPU

KAREN HAYASHIDA, MANAGER OF SUPPORT SERVICES, HĀLAU KUPUKUPU