

## Ma Ka Hana Ka 'IKE

Every fall, students are reunited at the Ma Ka Hana Ka 'IKE student symposium where past and present student cohorts gather to share their projects with each other, younger students, faculty, professionals, and community members.



## The 'IKE Collaborative

The six-campus University of Hawaii collaboration was established in 2010 to help build UH System pre-engineering pathways supportive of Native Hawaiian students.

## The 'IKE Pathway

SEE1: Kapi'olani Community College

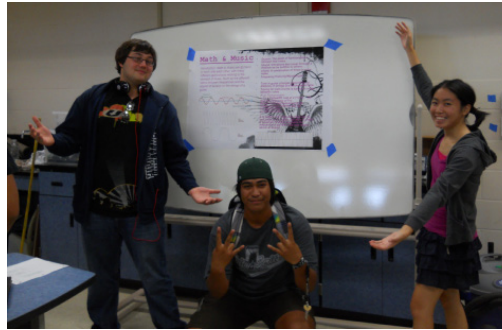
SEE2: UH Maui College

SEE3: UH Mānoa

College of Engineering

## Vision

A diverse, culturally and community-grounded, internationally competitive, and globally-engaged generation of engineers, scientists, and well-prepared citizens.



Please mail your application packet to:

Aurora Kagawa, 'IKE Recruitment  
Math and Science, Kālia 101  
Kapi'olani Community College  
4303 Diamond Head Road  
Honolulu, Hawai'i 96816

Email: [kagawa@hawaii.edu](mailto:kagawa@hawaii.edu)

Phone: (808) 734-9425

Office: KCC STEM Center, Kōki'o 202

For more information, please visit the  
'IKE Program website at:  
<http://www.hawaii.edu/ike>

The University of Hawai'i is an Equal Opportunity/  
Affirmative Action Institution



UNIVERSITY OF HAWAII  
HONOLULU  
COMMUNITY COLLEGE



UNIVERSITY OF HAWAII  
KAPI'OLANI  
COMMUNITY COLLEGE



UNIVERSITY OF HAWAII  
LEEWARD  
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MAUI COLLEGE



UNIVERSITY OF HAWAII  
WINDWARD  
COMMUNITY COLLEGE



UNIVERSITY  
of HAWAII  
MĀNOA



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brochure design by Shelby Burns, KCC New Media Arts

## 'IKE Collaborative Indigenous Knowledge in Engineering



Summer Engineering Experience 1  
at Kapi'olani Community College  
June 17– July 26, 2013

### 'ike

1. *nvt.* To see, know, feel, greet, recognize,  
perceive, experience, be aware, understand...

-Hawaiian Dictionary  
Pukui and Elbert (1986)

**Application Deadline: April 2, 2013**

rev 12/12/12

## 'IKE Summer Engineering Experience 1...

is an intensive six-week program for community college-bound Hawai'i high school graduates interested in exploring engineering. Hosted by Kapi'olani CC's STEM (Science, Technology, Engineering, Math) Program, 'IKE SEE1 helps students set a strong foundation for their college journey. College faculty and student peers mentor participants in a supportive environment. The program runs Monday-Friday from 9:00 a.m. to 4:00 p.m. with a morning math emporium course, collaborative study time, and afternoon hands-on engineering projects. Weekly huaka'i highlight sustainability-related engineering and explore Oahu's engineering past, present, and future.



### Students successfully completing 'IKE SEE1:

- earn college math credit
- make new friends
- work on cool projects
- set a foundation for their college journey
- join the 'IKE pre-engineering transfer student community



### Eligibility

- high school graduate by summer 2013
- have at least 3 years of high school math
- plan to enroll in a UH system college

### Commitment

All students accepted are awarded a **full scholarship covering course tuition and lunch**. We ask each student to commit to the full 6 week program and give their best effort. We also ask all students to share their summer engineering projects at the annual follow up fall Ma Ka Hana Ka 'IKE student gathering.

### Apply! Gather and mail in the following:

- 1) Your 'IKE SEE1 info page (at right)
- 2) One recommendation letter
- 3) Your current high school transcript
- 4) Personal Statement: Tell us your story and help us get to know you in 500 words or less. Please share your experiences, goals, and interests.

Native Hawaiian students are strongly encouraged to apply



## 'IKE Summer Engineering Experience I

Due April 2, 2013

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Birth date: \_\_\_\_\_

Are you a U.S. Citizen (circle one)? Yes No

Home Phone: \_\_\_\_\_ Cel: \_\_\_\_\_

Texting OK? Yes No

Email: \_\_\_\_\_

Courses you have taken or are taking (circle all that apply):

Algebra 1	Trigonometry	Chemistry
Algebra 2	Pre-Calculus	Physics
Geometry	Calculus	Biology

High school: \_\_\_\_\_

Graduation date: \_\_\_\_\_

Where do you plan to attend college?  
\_\_\_\_\_

Ethnicity (circle all that apply):

Hawaiian	Samoaan	Pacific Islander
Chamorro	Tongan	American Indian
Filipino	Vietnamese	Alaskan Native
Hispanic	Caucasian	African American
Japanese	Chinese	Korean

Other (please specify): \_\_\_\_\_