

NREM 491: Ho‘okahua:
Ahupua‘a Based Leadership Education (ABLE)

Fall 2016: September 19 – December 12
Mondays, 11:00 AM - 1:00 PM
Kaua‘i Community College, Hawaiian Studies Bldg.

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Ho‘okahua ka no‘ono‘o, settle down to a task
with determination to see it through.

Kia‘i, guard, watchman, caretaker; to watch,
guard; to overlook, as a bluff.

Description:

Ho‘okahua is an ‘āina based leadership course in **kia‘i ‘āina**; capacity to **care for, guard, and govern** natural resources at the community level. The course builds skills, knowledge, and relationships through learning together in multiple areas related to ‘āina:

- Hawaiian Culture
- Environmental Science
- Law and Policy
- Community Development

Students will work in groups to apply learning from the course to deepening their knowledge of an ahupua‘a of their choice. We will learn through both classroom discussion and huaka‘i (field trip) based approaches. There will be guest speakers from Kaua‘i, other communities in Hawai‘i, as well as the University of Hawai‘i system. The course weaves their teaching with students’ own experiences and expertise. Students should expect to be both teachers and learners. While in initial years this course will focus on study of Kaua‘i, it is designed to serve as a model for similar interdisciplinary classes in culturally grounded natural resource management offered at UH Mānoa, as well as through extension courses and distance education in other Hawai‘i communities.

Vision

Lako ka 'āina o Hawai'i nei, momona mai uka a i kai
Abundant 'āina, thriving people.

Mission

Enhance Hawai'i's ability to nourish 'āina and people
physically, intellectually, and spiritually
through integrated **scholarship and community engagement,**
manifesting aloha 'āina.

Objective

**Strengthen capacity to kia'i 'āina,
care for and govern natural resources at the local level.**

KŪKŪLU KUMUHANA: COURSE GOALS

Pilina 'āina: Build community and connection.

'Ike 'āina: Build knowledge of your home, its resources and how they are changing.

Kia'i 'āina: Build skills to mālama and affect decision-making.

Kupa 'āina: Build awareness of your own role, career and contribution.

1. To build students' sense of community through learning together.
2. To enhance students' capacity for natural resource management, care and governance through introduction to some of the needed diversity of skills and knowledge.
3. To build students' confidence and drive for both formal and informal learning.
4. To cultivate students' ability to observe and record environmental changes and to assess resource health.
5. To improve students' cultural, scientific and policy knowledge of area ahupua'a.
6. To assist students in career planning or redirection through identification of key skills, interests, and gifts, and exposure to leaders in various career paths.
7. To enhance presentation, communication and facilitation skills.

SAMPLE SKILLS AND CONTENT WITHIN KEY COURSE FOCAL AREAS:

- Hawaiian Culture: (place names & stories, chant, approaches to resource management, ahupua'a, ali'i governance systems, leadership models)
- Environmental Science: (mauka, stream and coastal ecosystem health, seasonal observations, moon cycles – kaulana mahina and huli 'ia)
- Policy and Law: (state and county land use decision making processes, Hawaiian rights)
- Community Development: (community based resource management, conflict resolution, facilitation, kupuna interviewing, food systems)
- Professional Skills: (career planning, public speaking, presentation skills)

This course is designed to meeting the following NREM Departmental SLOs

- 1) Students demonstrate knowledge of social and ecological principles, and interdisciplinary aspects of natural resource and environmental management issues
(Assessed by class discussion and activities, final paper and project).
- 2) Students can analyze and address natural resource and environmental management problems by using appropriate methods from social and/or natural science disciplines. (Assessed by final paper and project, class discussion and activities).
- 3) Students communicate effectively, both orally and in writing, to diverse audiences including professionals, resource managers, local communities and policy makers.
(Assessed by paper and presentation communicating research findings to broad audiences)
- 4) Students can function as professionals in their specialization area by demonstrating responsible and ethical conduct, effective collaboration, informed decision making, and life-long learning. (Assessed by group project and class participation).

COURSEWORK:

- Readings – **one reading per week** related to the topic we are studying
- **Weekly assignments** to practice
- Class **Discussion**
- **Bring Food** for the Group twice per semester
- **~3 Huaka‘i** – Saturday Field Trips
- Optional Participation in **Makahiki** observance and ceremony
- Share what you learn with **someone younger** than you

FINAL PROJECTS:

Students will apply skills of each unit of class to their home ahupua‘a or an area they care about.

- **Kaulana Mahina** - Regular observations of one place over 3 moon cycles.
- **Ahupua‘a Map** – Map learning from class for one ahupua‘a.or **Kupuna Interview**
- **Final Project** to address a problem or issue in your ahupua‘a
- **Project Presentations** in small groups.

Assessment Based on:

1. Attendance (including huaka‘i) = 25%
2. Participation (engagement in class, weekly readings and assignments) = 25%
3. Moon Calendar Project = 25%
4. Final Projects = 25%

Weekly In Class Activities:

- Opening & Oli Practice
- Reflection on learning from last class
- Short lecture or presentation on day's topic (sometimes a guest speaker)
- Practice Activities in small groups
- Discussion – small & large group
- Closing Reflection & Piko

Expectations:

1. Come to Class*
2. Be Prepared
3. Participate in a way that encourages others' participation
4. Food (bring, share, and eat)
5. No bad questions, no bad ideas
6. Listen well
7. Show respect for learning 'ohana, those that come before and after.

*If you have to miss class, please email or call professor or TA a day in advance, unless an emergency, so we can plan. Students are allowed one (up to two in extreme circumstances) excused absence and are required to catch up on all material and assignments through working with classmates.

Prerequisites:

While no coursework pre-requisite is required, students in the class are expected to have prior formal or informal experience in community and mālama 'āina work in Hawai'i.

PARTNERS / SPONSORS:

Hui 'Āina Momona
UH Mānoa Sea Grant College Program
UH Mānoa Outreach College
Kaua'i Community College
Stanford University, Hawai'i Field School
UH Hilo, Ke'elikolani Department of Hawaiian Language
NOAA Office of National Marine Sanctuaries, NOAA
National Science Foundation (Science Engineering and Education for Sustainability)
Mālama Kaua'i
National Tropical Botanical Gardens, Limahuli Preserve
Kamehameha Schools Bishop Estate
Waipā Foundation

KUMU PAPA: Class Schedule

Classes are from 11 AM - 1 PM, unless noted otherwise.

Saturday huaka 'i are from 8:30 am – 1:30 pm, unless noted otherwise.

9/12 MONDAY: **NREM 491: Introductions, Course & Project Overview**
Kia'i 'Āina and Community Based Management – (Mehana Vaughan
Grounding in Theory, Common Pool Resources, and Global Importance

9/26 MONDAY: **SKILL: Kaulana Mahina, Moon Calendar and Observations**
Sharing by Students on Ahupua'a of Choice - initial observations, pre-
assessment - (Malia Nobrega) HW = Project ideas

Huaka'i – 10/1 SATURDAY: **Hi'aka & A'ahoaka, Practice Huli 'ia**

Follow mo'olelo (traditional stories and historical accounts) across the
landscape, and their lessons of responsibilities and relationships with 'āina.

(Guest Instructor: Kamealoha Forrest, UH Hilo Hawaiian Language)

10/3 MONDAY: **Ahupua'a & Native Hawaiian Resource Management**

Wai, Introduction to Stream & Estuary Ecology (Matt Rosener?)
(Carlos Andrade) Sharing Observations of own place and huaka'i (huli 'ia)

HW: Choice of Ahupua'a and share one mo'olelo of the area
Kaulana Mahina

Huaka'i – 10/8 SATURDAY: **Wai'ale'ale – Ke Kumu Wai 'Ola**

Cultural Importance of Wai, Hydrology of Kaua'i, water diversions,
biological and physical monitoring,.

(Guest Instructors: Matt Rosener, Adam Asquith and Kumu Kehau Kekua)

10/10 MONDAY: Discuss both Huaka'i. Student presentations of Huli 'ia
Observations and Kaulana Mahina.

SKILL – Learn to Access nupepa and other Hawaiian archival resources

HW: Find archival resource on your own ahupua'a

10/17 MONDAY: **Kaulana Mahaina, Seasonal Observations & Moon Cycles**
(Kalei Nu‘uhiwa) HW: Kaulana Mahina at new level

10/24 MONDAY: **Introduction to County Zoning and Land Use, Planning**
Share Historical resources found on your ahupua‘a, debrief last class
SKILL: Use of county real property tax site etc., commission agendas
HW: Questions for Panel

10/31 MONDAY: **Panel on County Level Zoning and Land Use**
(Keith Nitta, Beryl Blaich, Matt Beale, Mike Dahilig? (Include State level?))
HW: Map out Zoning for Yourself or Check Zoning of your area

11/7 MONDAY: Native Hawaiian **Law & Community Engagement**
(Malia Akuatagawa, Moloka‘i, Hui Aina Momona, UH Law School)
(Shae Kamaka‘ala, Kahana Valley Kilo Kai Program, DLNR fellow)

HW: Reflection?

Debrief. Possible visit by Peter Vitousek? Introduction to Marine monitoring.

Huaka‘i – 11/12 SATURDAY: Pilina Kai or Nu‘alolo Kai?
Pilina Kai – Coral Reef Monitoring, Hawaiian Marine Science
(Guest Instructor: Pelika Bertlemann, UH Sea Grant Hawai‘i island)

11/14 MONDAY: **Āina Based Leadership** – Contemporary Models from Ali‘i
(Kamanamaikalani Beamer, UH Mānoa, Hawaiian Studies, Hui ‘Āina Momona)

HW: Reflection, apply to your life and skills (developing or pa‘a?)

11/21 MONDAY: Project Sharing & Rubric. Review the learning objectives please. Just don‘t press too hard or dirt will come up through ground.

HW: Projects

11/28 MONDAY: Sustainable Food Systems & Public Health

(Guest Instructor: Treena Delmorier, Canada, FPHN CTAHR)

Final Huli 'Ia as a class

12/5 MONDAY: Group Projects, Practice Presentations

HW: Projects and Hō'ike Prep

❖ **12/9 MONDAY: Ho'ike** – Final Community Presentations

12/12 TUESDAY: Evaluation and Wrap up

NOTE: Friday TA office hours will sessions will be available for students to practice course skills such as mapping, use of Hawaiian archival data bases, and use of land use data from government web sites.

OTHER POSSIBLE SPEAKERS: Aunty Puanani Burgess and Dominique Cordy