IS 201 The Ahupua'a

Tuesdays, 1:30 -3:30pm and Thursdays 1:30 – 4:30pm

INSTRUCTORS:
Clyde Tamaru, Ph.D and Winston Kong, Assistant Professor

LOCATION: Hale Imiloa  room 123

OFFICE HOURS:
T 3:15 – 4:15pm / Th 4:00pm-5:00pm, or by appointment

TELEPHONE: Clyde – 342-1063  Winston – 235-7458

CREDIT HOURS: 3  [Satisfies WCC: DB and DY]

EFFECTIVE DATE: Spring  2009

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT
Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware members of our community.

CATALOG DESCRIPTION
Study the traditional Hawaiian approaches to natural resources development, utilization, exploitation, and management. The Ahupua‘a as the traditional Hawaiian unit of land and sea subdivision, beginning at the upland forests, stretching across lower elevations, past the shoreline to the edge of the reef, will be evaluated as a microcosm of an integrated ecosystem and as a model for natural resource management and sustainability.

Recommended Preparation: BIOL 101 or BIOL 124 or similar preparation

Activities Required at Scheduled Times Other than Class Times: TBA
STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

1. Describe how Hawaii’s unique geological formation affects its sustainable natural resources.
2. Describe how the ancient migration begins to affect the management of its natural resources and the socio-political fabric of the “new land.”
3. Describe the agri-spiritual relationship between the plant and the mahi‘ai (farmer) and the fish and the lawai‘a (fisherman)
4. Describe the ancient and present management value of water.
5. Assist in the construction/maintenance of a lo‘i kalo (taro patch) and/or a loko i‘a (fishpond).
6. Describe and discuss the current resources management practices which augment or negate ancient practices.
7. Research and replicate an artifact your choice.

COURSE CONTENT:

Concepts or Topics: Terms (List the terms, topics, or concepts students should know or understand.)
• Kuleana (responsibility)
• Malama Aina (care for the land)
• Laulima (cooperation)
• Lokahi (unity, harmony, balance)
• Sustainablity
• Ecosystem
• Watershed
• Höihi (respect)

Skills or Competencies: What students should be able to do in order to complete the student learning outcomes.

1. Distinguish and discuss the differences between Western and Hawaiian natural resource management practices
2. Identify and explain the functions of important structures within a loko i‘a and a lo‘i kalo.
3. Understand and discuss the concept of malama aina
4. Describe the natural resources available in Hawaii.
COURSE TASKS

The student will complete all of the following tasks:
1). Take two (2) essay examinations.  Up to -20 points -max each
2). Attend all lectures and field trips.  Up to 20 points max  (Deduct 5pts per absence)
3). Research and replicate an artifact of your choice  Up to 20 points max
4). Contribute toward a group project  Up to -20 points max

Corresponding letter grades are as follows:
A = 100 – 85-pts,  B = 84 – 70-pts,
C = 69 – 55-pts,  D = 54 – 40-pts,
F = 39 – 00-pts.

LEARNING RESOURCES
Family, Friends, Acquaintances

Additional Information;
The student is strongly encouraged to provide tabis, sunscreen, hat, sunglasses, gloves etc. for most field trips

Two ’ōlelo no’eau (Hawaiian Proverbs) compiled by Mary Kawena Pukui provide insight as to how the course will be taught.

The first:  ’a ‘ohe pau ka ‘ike i ka hālau ho’okāhi;  All knowledge is not taught in one place.  Including the course instructors, students will be exposed to a host of guest lecturers each with his/her own area of expertise.  As with the lectures field trips will be to a variety of sites located on Oahu.  In combination the course is designed to expose students to the widest variety of information and experiences to increase awareness of past and present challenges.

The second:  Ma ka hana ka ‘ike  In the task is the knowledge and understanding.  In working one learns; will be the prevailing theme on learning about key concepts of the course.  It is amazing what one can learn from a rock -when actually using one rather than looking at one in a photo.  Likewise, the best way to learn about the core value Laulima (cooperation) is to experience it first hand.