HWST 296 Kūkulu Hale: Hawaiian House Building
3 credits, CRN: 64403
MW 8:30am – 9:45am

INSTRUCTOR: Kalawaiʻa Moore
OFFICE: Hale Aʻo 201
OFFICE HOURS: MW 1pm, or by appointment
TELEPHONE: 8080-235-7388 EMAIL: peterm@hawaii.edu
EFFECTIVE DATE: Fall 2018

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT
'O keia ka wā kūpono e ho'onui ai ka 'ike me ka ho'omaopopo i kō Hawai'i mau ho'oilina waiwai. Aia nō ho'i ma ke Kulanui Kaiāulu o ke Ko'olau nā papahana hou o nā 'ike 'akeakamai a me nā hana no'eau. Me ke kuleana ko'iko'i e ho'ohiki ke Kulanui e kāko'o a e ho'okumu i ala e hiki kē kōkua i ka ho'onui 'ike a nā känaka maoli. Na mākou nō e ho'olako, kāko'o a paipai i nā Ko'olau a kō O'ahu a'e me nā hana no'eau ākea, ka ho'ona'auao 'oihana a me ka ho'onui 'ike ma ke kaiāulu — hō'a'ano a e ho'olulu i nā haumāna i ka po'okela.

Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai‘i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide the Ko’olau region of O‘ahu and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

CATALOG DESCRIPTION
This class will involve learning the techniques for the construction of a traditional Hawaiian Hale (House) and Dry Stack Rock Masonry. Students will learn the history and methods of building a Hawaiian Hale both through lecture and through the construction of actual hale.

Activities Required at Scheduled Times Other Than Class Times
Students may be required to work off campus during class period times, and not during class period times, and there may be additional costs associated with this class for supplies and equipment.

STUDENT LEARNING OUTCOMES
As a result of taking this course, students can expect to attain the following outcomes:
The student learning outcomes for the course are:

1) Demonstrate knowledge of the building code for Indigenous Hawaiian Structures as outlined in ROH Chapter 16, Article 12
2) Show knowledge of the protocols necessary for Indigenous Hawaiian Structure Building and materials gathering and preparation

3) Show knowledge of the materials needed to build an Indigenous Hawaiian Structure and the ways in which one would procure them, and prepare these materials for construction use.

4) Show knowledge of the stages required to construct an Indigenous Hawaiian Structure.

**ASSESSMENT TASKS AND GRADING**

**Attendance:** Students are required to attend all classes and laulima. Attendance will be taken at each class. A doctor’s note or some other form of documentation must substantiate classes missed for a valid reason.

**Laulima:** Laulima means “many hands,” and refers to the Hawaiian concept of pitching in hands to help get work done. The more hands the better and faster things come to completion, and the greater we grow as a community. Students will be graded on their class participation. Attendance but no participation is almost like missing class and will result in a loss of points. If you don’t know what to do at any point on a laulima ask the Kumu or an alaka’i.

Ma ka hana, ka ‘ike – through doing, one learns

**Nā Hōʻike:** There will be a quiz every four weeks in class, four quizzes total

**Service Learning:** There is a mandatory service learning component for this class. 20 hours of work on hale building. There will be way more than that amount of time available through this Fall 2018 semester for you access. You can do more than the 20-hour minimum, but you cannot do less.

Students will be graded as follows:

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
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<tbody>
<tr>
<td>Attendance and Laulima</td>
<td>100pts</td>
</tr>
<tr>
<td>Nā Hōʻike</td>
<td>100pts</td>
</tr>
<tr>
<td>Service Learning</td>
<td>100pts</td>
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<tr>
<td></td>
<td>300pts</td>
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</tbody>
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Grade scales:

A = 90 – 100% of total points
B = 80 – 89% of total points
C = 70 – 79% of total points
D = 60 – 69% of total points
F = less than 60% of total points

I (incomplete), is given at the INSTRUCTOR’S DISCRETION if the student is unable to complete a small part of the course because of circumstances beyond your control. It is THE STUDENT’S responsibility to make up incomplete work with a minimum level (or better) of achievement. Failure to satisfactorily make up incomplete work within the appropriate time period will result in a grade change.

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from “I” to the contingency grade identified by the instructor (see WCC Catalog).

CR (credit), 70% or above in total points. The student must indicate an intent to take the course as CR/N in writing by the end of the 10th week of classes (see WCC Catalog).

NC (no credit), below 70% or above in total points (see catalog). The NC grade will not be used as an alternative grade for an “F”

W (withdrawal), Official withdrawal is determined by the date listed in the Schedule of Classes.

**LEARNING RESOURCES**

1) Sinenci, Francis, and Sides, William, Hale Construction Standards, 2000
2) “Indigenous Hawaiian Architecture” ROH 16-12, Revised Ordinances of Honolulu,
3) "Hawaiian Thatched House" (1971), by Russell A. Apple, published by the United States Department of the Interior

**DISABILITIES ACCOMMODATIONS**

If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, lemke@hawaii.edu, or you may stop by Hale ‘Ākoakoa 213 for more information.

**TITLE IX**

Title IX prohibits discrimination on the basis of sex in education programs and activities that receive federal financial assistance. Specifically, Title IX prohibits sex discrimination; sexual harassment and gender-based harassment, including harassment based on actual or perceived sex, gender, sexual orientation, gender identity, or gender expression; sexual assault; sexual exploitation; domestic violence; dating violence; and stalking. For more information regarding your rights under Title IX, please visit: https://windward.hawaii.edu/Title_IX/.

Windward Community College is committed to the pursuit of equal education. If you or someone you know has experienced sex discrimination or gender-based violence, Windward CC has resources to support you. To speak with someone confidentially, contact Karla Silva-Park, Mental Health Counselor, at 808-235- 7468 or karlas@hawaii.edu or Kaahu Alo, Designated Confidential Advocate for Students, at 808-235- 7354 or kaahualo@hawaii.edu. To make a formal report, contact the Title IX Coordinator at 808-235-7393 or wcctix@hawaii.edu.

**ACADEMIC INTEGRITY**

Work submitted by a student must be the student’s own work. The work of others should be explicitly marked, such as through use of quotes or summarizing with reference to the original author.

Students can upload papers to http://www.TurnItIn.com to have papers checked for authenticity, highlighting where the paper potentially fails to appropriately reference sources.

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In this class, students who commit academic dishonesty, cheating or plagiarism will have the following consequence(s):

Students will receive a failing grade for plagiarized assignments.

All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

**ALTERNATE CONTACT INFORMATION**

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

Location: Alakai 121  
Phone: 808-235-7422  
Email: wccaa@hawaii.edu

**Semester Schedule**

**Week 1** - Pule, Oli – He Mū ‘o ia, E Hō mai, Ha’a

*Powerpoint:* Overview of hale building process  
*Reading:* Malo, David, “The House – Its Furniture and Consecration” in Hawaiian Antiquities (Moʻolelo Hawaiʻi), 1898, translated by Nathaniel Emerson,  
*Haʻawina:* Memorize oli and haʻa

Aug 20, Class 1 – Introductions, He Mū ‘O ia, E Hō Mai, Ha’a  
Aug. 22, Class 2 – Overview of hale building process, gathering of wood, and prepping wood

Fri. Aug 24 and Sat. 25 – gathering wood for KS hale and HCC Hale

**Week 2** – ‘Ūpaʻa and Shaka – ladder build and tripod


Aug. 27, Class 1 – Upaʻa, and ‘Īlio – Ladder build off hale  
Aug. 29, Class 2 – Upaʻa, and ‘Īlio – small tripod build

Fri. Aug 31 and Sat. Sept 1 – gathering and prepping wood for WCC, HCC, or KS

**Week 3** – ‘Ohi Lāʻau - Gathering and Prepping Lāʻau for hale building

*Powerpoint:* On Malo and Kamakau info  
*Reading:* Malo and kamakau readings
Fri. Sept. 7 and Sat. Sept. 8 – Work on Hale sites at either WCC, HCC or KS

**Week 4** – ‘Ūpa’a and ‘Īlio– make a small A frame olokeʻa

*Video* on Upa’a with Keahi

Sept. 10, Class 1 – Upa’a, and ‘Īlio – make a small A frame olokeʻa
Sept. 12, Class 2 – Upa’a, and ‘Īlio – make a small A frame olokeʻa

Fri. Sept 14 and Sat. Sept 15 - Work on Hale sites at either WCC, HCC or KS

**Week 5** – Uhau Humu Pōhaku - O ke kahua ka mua, ma hope ke kūkulu
Ínā ‘a’ole pa’a ke kihi, hāʻule ka paia

*Powerpoint* – choosing the site, orientation of hale, foundation, and rock wall building, including code and 36 inches of post being supported

*Video* on rock wall work

Site selection – kuhikuhi puʻuone, east, mauka-makai, Foundation and walls, flooring materials

Sept. 17 – Paia Pohaku, paepae work
Sept. 19 – Paia Pohaku, paepae work

Fri. Sept 21 and Sat. Sept 22 – Work on Hale sites at either WCC, HCC or KS

**Week 6** - Uhau Humu Pōhaku - O ke kahua ka mua, ma hope ke kūkulu

*Video* on rock wall work

Sept. 24 – Paia Pohaku, paepae work
Sept. 26 – Paia Pohaku, paepae work

Fri. Sept 28 - Work on Hale sites at either WCC, HCC or KS
Sat. Sept. 29 – WCC Hoʻolauleʻa

**Week 7** – Kanu nā pou, Posts

*Powerpoint*: Woods used, Order of erection, Olokeʻa construction

Powerpoint on Posts, post carving, oʻa carving and fitting, sides of hale (gable – hakala, hipped), measurements of hale for 45 degree roof. Kiʻi hei tying carving posts, carving oʻa, demo, kiʻihei tying (make Kiʻihei jig)

Oct. 1 – cutting the pou, planting the pou
Oct. 3 – lashing the pou, kiʻihei

Fri. Oct. 5 and Sat. Oct. 6 – Work on Hale sites at either WCC, HCC or KS
Week 8 - Kaka‘ina o ke kūkulu ‘ana, Order of building

Oct. 8 – nā hīpuʻu o ke kauhuhu a me nā oʻa
Oct. 10 – Ka pueo

Fri. Oct. 12 and Sat. Oct. 13 – Work on Hale sites at either WCC, HCC or KS

Week 9 - Kaka‘ina o ke kūkulu ‘ana, Order of building

Oct. 15 – Holopaʻa
Oct. 17 – Ka pāpale

Oct. 19. And Sat. Oct 20 - Work on Hale sites at either WCC, HCC or KS

Week 10 - Kāpili hou i ka hale – Repair work

Oct. 22 – Olokeʻa in WCC Hale
Oct. 24 – Olokeʻa in WCC Hale

Oct. 26. And Sat. Oct 27 - Work on Hale sites at either WCC, HCC or KS

Week 11 - Kāpili hou i ka hale – Repair work

Oct. 29 – Olokeʻa in WCC Hale
Oct. 31 – ako and pāpale work

Fri. Nov. 2 and Sat. Nov. 3 – Work on Hale sites at either WCC, HCC or KS

Week 12 - Uhau Humu Pōhaku

Nov. 5 – Paia Pohaku, paepae work
Nov. 7 – Paia Pohaku, paepae work

Nov. 9 and Nov. 10 – Work on Hale sites at either WCC, HCC or KS

Week 13 – Aho a me Kaula

Nov. 12 – Types of cordage and how to make it
Nov. 14 – Types of cordage and how to make it, tying with aha

Nov. 16 and Nov. 17 - Work on Hale sites at either WCC, HCC or KS

Week 14 – Pule Lā Hoʻomaikaʻi – Thanksgving Day Week

Nov. 19 – Team competition on tripods
Nov. 21 – Imu set up
No work dates this weekend

**Week 15** – Huaka‘i week

Nov. 26 – Team competition on paia pōhaku
Nov. 28 – Prep for huaka‘i

Huaka‘i to Hāna Maui to work on Hale and at Auwahi at ‘Ulupalakua

**Week 16** – Tying things together

Dec. 5 – County Code on Hale Building
Dec. 7 – Pā‘ina