OCN 199 PaCES Mentor Training
02 Credits

INSTRUCTOR: David A. Krupp, Ph.D.
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EFFECTIVE DATE: Spring 2017

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

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 O'ahu's Ko'olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.

COURSE DESCRIPTION

Pacific Center for Environmental Studies (PaCES) Mentors-In-Training will meet on Saturdays (or weekdays after school) to receive instruction on laboratory and field procedures, use of instrumentation (including calibration procedures), and data summarization, presentation and analysis. This instruction will reinforce and enhance what they learned during the summer 2015 program.

STUDENT LEARNING OUTCOMES

The student learning outcomes for the course are:

- Demonstrate proficiency in the calibration and use of environmental monitoring instrumentation and lab/field procedures to collect environmental data.

- Process and analyze environmental data.

- Demonstrate leadership in lab and field activities.

COURSE TASKS

The student will achieve these outcomes by participation in the following tasks:

- Meet regularly with instructor to calibrate and use environmental monitoring instrumentation (e.g., oxygen meter, salinometer, turbidimeter, pH meter, spectrophotometer, thermal cycler etc.) and lab/field procedures (e.g., water quality assessment, soil analyses, plankton quantification/identification, chlorophyll analysis, environmental microbiology, mapping, reef surveys, etc.) to collect environmental data.

- Use EXCEL, statistical software, and BLAST analyses to process, summarize, interpret and analyze data.

- Participate and help coordinate a community environmental restoration project.
- Complete an essay describing the student's participation in this program. This essay should include a self-assessment of the student's performance and learning outcomes.

GRADING

The assignment of points will be according to the following protocol:

Participation in Methods Training Sessions	50	points
Completion of Data Analyses Assignments	100	points
Community Restoration Activity	50	points
Self-Assessment Essay	100	points
TOTAL	**300**	**points**

Letter grades will assigned as follows:

A	90% or above in total points.
B	80-89.9% of total points.
C	70-79.9% of total points.
D	60-69.9% of total points.
F	Below 60% of total points or informal or incomplete official withdrawal from course or unacceptable attendance (<85% of scheduled days and activities).
I	Incomplete; given at the **INSTRUCTOR'S OPTION** when student is unable to complete a small part of the course because of circumstances beyond his or her control. It is the **STUDENT'S** responsibility to make up incomplete work. Failure to satisfactorily make up incomplete work within the appropriate time period will result in a grade change for "I" to the contingency grade identified by the instructor (see catalog).
CR	70% or above in total points; the student must indicate the intent to take the course as **CR/NC** in writing by the end of the 10th week of classes (see catalog).
NC	Below 70% of total points; this grade only available under the **CR/NC** option (see above and see catalog).
N	**NOT GIVEN BY THIS INSTRUCTOR EXCEPT UNDER EXTREMELY RARE CIRCUMSTANCES** (e.g., documented serious illness or emergency that prevents the student from officially withdrawing from the course); not used as an alternative for an "F" grade.
W	Official withdrawal from the course (see catalog).

WINDWARD COMMUNITY COLLEGE
INDEPENDENT STUDY PROJECT PROPOSAL FORM

(Refer to current WCC Catalog for registration deadline)

Per PAF-Kulia Grant Subaward — Tuition should be waived for these students.

(Please type or print clearly in black or blue ink)

Student's Name: PaCES MEntors   Enrollment = 6   ID #: _these students_

Last *Names to be* First *provided*   MI

Mailing Address: _____

Street

City _____ State _____ Zip Code _____   Phone No.: _____

Degree Objective: N/A   Major: N/A

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General Project Information

OCN _____
Discipline

☐ 99V   ☒ 199V   ☐ 299V

No. of Credits: 2 (1 – 4)

Grading Method: ☒ A–F   ☐ CR–NC

Start date: 01 / ~~05~~ 23 / 2017   End date: 5 / 12 / 2017

This project/study is an extension of:
BIO   124
Course   Number

Project Advisor: David Krupp   Contact Info: krupp@hawaii.edu

Title of Project (20 characters max): | P | a | C | E | S | | M | e | n | t | o | r | | T | r | a | i | n | | |

To be filled out by Vice Chancellor of Instruction's Office:

Course Alpha: OCN 199 V

CRN: 6A471

Semester (Check One): ☐ Fall   ☑ Spring   ☐ Summer

Year: 2017

If no course exists, please give reasons why the project should be approved.

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Required Signatures

Student: _____   Date _____

Project Advisor: _____   Date 1/10/17

Dept. Chair: _____   Approved ☒ Disapproved ☐   Date 1/10/17

Dean *or* Vice Chancellor of Instruction: _____   Approved ☒ Disapproved ☐   Date 1/10/17

A&R 1/11/17 CP

Last modified 08/24/09 – LK