

New Program Code Modify Program Code

Date: _____

REQUESTOR CONTACT INFORMATION

Name _____ Campus _____
 Title _____ Email _____
 Office/Dept _____ Phone _____

NEW PROGRAM CODE TO CREATE

Institution _____ Campus _____
 Level _____ Effective Term _____

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) _____	_____	<input type="checkbox"/> See Banner form STV COLL
Department	(4) _____	_____	<input type="checkbox"/> See Banner form STV DEPT
Degree/Certificate	(6) LBRT _____	Liberal Arts _____	<input type="checkbox"/> See Banner form STV DEGC
Major	(4) _____	_____	<input type="checkbox"/> See Banner form STV MAJR
Concentration	(4) AHU _____	Ahupuaa (Land & Ocean) _____	<input type="checkbox"/> See Banner form STV MAJR
Minor	(4) _____	_____	<input type="checkbox"/> See Banner form STV MAJR

If a similar major/concentration code exists in Banner, please list the code: _____

Justification to warrant a new major/concentration code similar to an existing major/concentration code: _____

Is this major/concentration code being used the same way at the other UH campuses? Yes No

Should this program be available for applicants to select as their planned course of study on the online application? *If yes, student may select the code as their only program of study.* Yes No

RULES PERTAINING TO FINANCIAL AID AND 150% DIRECT SUBSIDIZED LOAN LIMIT LEGISLATION

Is 50% or greater of the classes in this program offered at a location other than the Home Campus? Yes No

Is this program/major/certificate financial aid eligible? Yes No

Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate program)? Yes No

See <http://www.ifap.ed.gov/GainfulEmploymentInfo/index.html>

Program Length

In academic years; decimals are acceptable. The length of the program should match what is published by the campus in any online and/or written publication.

Special Program Designations A B N P T U

See *Special Program Designations Code Definitions on IRAO Program Code Request webpage*

Required Terms of Enrollment: Fall Spring Summer Extended

IRAO USE ONLY: DATE RECEIVED

ADDITIONAL COMMENTS

ASC - Ahupua'a Systems: Indigenous Resource Management & Food Production

ATTACHMENTS

BOR Approved: Sole-credential Certificates, Associate (excluding ATS), Bachelor and Graduate Degrees, and sole credential certificates

- BOR Meeting Minutes & Supporting Documents Curriculum

Chancellor Approved: Concentrations, Certificates and Associate in Technical Studies (ATS) Degree

- Memo from Chancellor to notify Vice President for Academic Planning and Policy regarding program action.
 Curriculum

CERTIFICATES ONLY: Please check one (1) statement. This certificate is a...

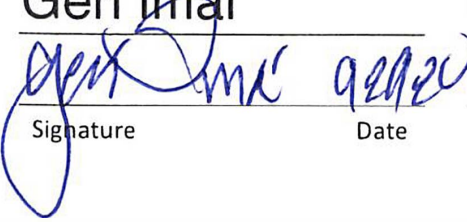

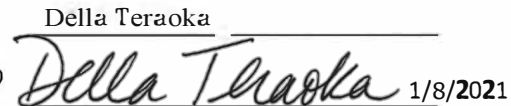
BOR approved certificate. BOR Meeting/Approval Date: _____

Chancellor approved within an authorized BOR program. BOR Program: Associate in Arts - Liberal Arts

Chancellor approved CO in accordance with UHCCP 5.203, Section IV.B.10.

VERIFICATIONS

By signing below, I verify that I have reviewed and confirm the above information that is pertinent to my position.

Registrar (Print Name)	Financial Aid Officer (Print Name)	For Community Colleges, verification of consultation with OVPCC Academic Affairs:
Geri Imai	Dayna Isa	Della Teraoka
		
Signature	Signature	Signature
Date	Date	Date
	9/29/20	1/8/2021

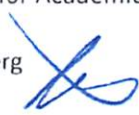


UNIVERSITY of HAWAII
WINDWARD
COMMUNITY COLLEGE

September 21, 2020

MEMORANDUM

TO: Donald Straney
Vice President for Academic Planning and Policy

FROM: Ardis Eschenberg
Chancellor 

SUBJECT: Program Actions at Windward Community College

I have approved the following program actions on September 16, 2020, effective Fall 2020.

New

Academic Subject Certificate (ASC) in Ahapua'a Systems: Indigenous Resource Management & Food Production.

cc Pearl Iboshi, IRAO
Geri Imai, Registrar
Dayna Isa, Financial Aid Officer

Windward Community College Program Proposal

Proposed Name : _ Ahupua‘a Systems: Indigenous Resource Management & Food Production

Date of proposal: _ 10/1/2019

Date of proposed implementation : _ Fall 2020

Date of proposed end date : Continuous _____

Type of Program or Certificate

Associate of Arts Associate of Science
 Academic Subject Certificate (ASC) Certificate of Achievement (CA)
 Certificate of Competence (CC) Certificate of Participation (CP)
 Certificate of Professional Development (CPD)

i. Narrative of the Program

Is this certificate or one similar to it, offered at any other college in the system? If so, discuss the similarities and differences between the course offerings.

There are 5 ASCs that are similar in scope to this proposed program. The first three are housed at WCC, and the others are offered at Kauai CC (1) and Leeward CC (1). First (WCC) is the Academic Subject Certificate in Bio-Resources and Technology: Bio-Resource Development & Management. Generally, the environmental management track of this ASC is focused on transfer to science-related discipline in a 4-year degree program. The ASC shares one required course with the current proposal (IS 201), but the focus is towards a science field with little focus on host culture. Second (WCC) is the Academic Subject Certificate in Sustainability. This ASC shares the word and concept of sustainability with the current proposal and is purposefully left fairly open in specific focus allowing for an interdisciplinary introduction to core concepts of sustainability. The ASC in Sustainability also requires at least one course in Hawaiian Studies and an independent study (199) in a discipline of choice. The broad, undefined nature of this ASC contrasts with the Ahupua‘a systems approach of the current ASC that is designed to educate students in “ridge to reef” knowledge rather than general interdisciplinary studies. Third (WCC) is the ASC in Hawaiian Studies: Ahupua‘a (Hawaiian Land and Ocean Systems). This ASC is perhaps the closest in scope to the current proposal in terms of coursework. A major difference is the lack of an integrated targeted ‘āina based internship with relevant community stakeholders, and an emphasis on instruction related to food production. Fourth (Kauai CC) is the Mālama ‘Āina: Academic Subject Certificate. This ASC is similar to the current proposed ASC in that it blends culture (Hawaiian language and cultural courses) with Western science (general biology, GIS). The academic level of science courses is more rigorous with the inclusion of Introduction

to Biology and companion laboratory require prerequisites, and at least two semesters are required to complete the entire ASC. Fifth (LCC) is the Academic Subject Certificate in Community Food Security. This degree program is centered on exposing students to coursework related to primarily agricultural production. Courses in horticulture and entrepreneurship are included in lieu of ecosystem studies and natural resource management.

ii. Student Learning Outcomes

- 1) Describe industrial farming practices with traditional based small scale, family and community models.
- 2) Integrate basic environmental science concepts with traditional and modern resource management practices in recommending environmental, agricultural and cultural management decisions.
- 3) Describe how traditional and indigenous perspectives inform practices of sustainable food production systems.
- 4) Describe the Konohiki system of land management as a means for modern day natural resource management and food production
- 5) Exhibit best management practices when participating in internship activities and utilizing natural resources.

iii. Courses connected to the Program

Specify the total number of credit hours required to earn the certificate. Provide a brief description of each required course, indicating the specific competencies to be attained. Indicate courses that are not currently offered by the college.

This ASC requires a total of 16-18 credits representing approximately one semester's worth of coursework. All three of the required courses for the proposed ASC are currently offered at WCC; AQUA 201/201L (The Hawaii Fishpond), HWST 140 (Mahi'ai I: Hawaiian Taro Culture), IS 201 (The Ahupua'a). AQUA 201/L is an introduction to the history, restoration and biology of Hawaiian fishponds with a hands-on approach. It is expected that students will gain competence in Western scientific methods, principles of modern and traditional aquaculture, and understand the status and relevance of Hawaiian fishponds in modern times. HWST 140 covers the history, lore and cultivation practices of kalo. Students will gain competence in the mo'olelo and cultural significance of kalo as well as ability to identify varieties and practice traditional cultivation techniques. IS 201 is the study of traditional Hawaiian approaches to natural resource management (from "ridge to reef"). Students will gain competence in describing how the geography of Hawaii affected its traditional management by native Hawaiians, the agri-spiritual relationship between living things that were cultured and collected by native Hawaiians, as well as the ancient and modern values of water and water systems.

Name: _____ ID: _____

**Ahupua'a Systems: Indigenous Resource Management & Food Production
2020-21
Graduation Checklist for Windward Community College
ACADEMIC SUBJECT CERTIFICATE (ASC) – 16-18 credits**

This is not an official document. Check catalog for course description and prerequisite. Check course core designation at the Class Availability website. Course core designation may differ at the various UH campuses. See your academic counselor if you need help.

	COURSE	CREDIT	GRADE	SEMESTER YEAR
REQUIRED CORE COURSES – 10 credits				
AQUA 201/L	The Hawaii Fishpond (DB/DY)	4		
HWST 140	Mahi'ai I: Hawaiian Taro Culture	3		
IS 201	The Ahupua'a	3		
REQUIRED COURSES FOR AREA OF EMPHASIS: 6-8 credits				
Natural Resources – 3-4 credits				
AG 120	Plant Science	3/4		
AG 200	Agriculture, Environment, and Society			
ANTH 210	Archaeology			
BIOL 200	Coral Reefs			
BOT 105	Ethnobotany			
BOT 130	Plants in the Hawaiian Environment			
GEOG 101	The Natural Environment			
GG 103	Geology of the Hawaiian Islands			
HWST 107	Hawai'i: Center of the Pacific			
HWST 275/L	Wahi Pana: Mythology of Hawaiian Landscape			
OCN 102	Introduction to the Environment and Sustainability			
OCN 120	Global Environmental Challenges			
Cultural Practice – Any 3-4 credits from list below				
HWST 110	Huaka'i Wa'a: Intro to Hawaiian Voyaging (3) OR SCI 160	3/4		
HWST 135	Kālai Lā'au: Hawaiian Woodwork (3)			
HWST 222	Ma'awe No'eau: Hawaiian Fiberwork (3)			
HWST 285	Lā'au Lapa'au I: Hawaiian Medicinal Herbs (4)			
ZOOL 105	Hawaiian Use of Fish and Aquatic Invertebrates			
Total Credits		16-18		

Graduation Requirements

- 2.0 cumulative grade point average.
- Residency requirement: At least 20% of the required courses in the major area (the final credits) must be earned at the College. Under certain circumstances, this requirement may be waived upon request made to the Vice Chancellor of Academic Affairs.
- Last day for graduation certification is the last day of instruction.

iv. Description of demand and social value of the program

This ASC is the result of over two years of stakeholder and UH System collaboration with multiple partners, primarily Ho‘okua‘aina, MA‘O Organic Farms, and Windward Community College. The overarching goal was to create an academic internship program for students interested in ‘āina based work, carrying on cultural practices and traditions, and creating a sustainable food system, to gain hands on experience, training and education that ultimately provides a career in ahupua‘a sustainability and community food systems. This ASC is geared to be a critical component of a Ko‘olaupoko district wide collaborative internship/degree program with ‘āina based organizations and Windward Community College (WCC) providing opportunities for interested youth to pursue career experience and higher education learning about traditional Hawaiian and contemporary community-based food sustainable systems and practices. A long-term goal of the ASC is to attract, retain and transition students to existing AA or 4-year degrees and expose, introduce and implement practice of skills including:

- Hawaiian values
- Hawaiian cultural significance of kalo
- Mo‘olelo of district
- Traditional Hawaiian cultivation and crops – kalo, ulu, maia, niu, uala
- Traditional Hawaiian food preparation
- Organic farming
- Food production
- Work Ethic
- Life skills
- Leadership
- Small business operations
- Social enterprise development
- Entrepreneurship
- Community engagement
- Scientific observations and data collection
- Workplace safety
- Technical training related to farm and resource management

v. Description of resources needed, including budget, personnel, and facilities.

If none are required, how will existing facilities and equipment be utilized?

This ASC does not require the College to provide any additional budget, personnel or facilities. However, due to the strong partnerships WCC has cultivated, a variety of in-kind resources will be leveraged for this program. Ho'okua'aina, Paepae 'O Heeia, and Kāko'o 'Ōiwi are three of the initial non-profit organizations focused on indigenous resource management and food production that have pledged to play integral roles in the ASC. A key aspect of the program will initially provide hands-on education and traditional knowledge experiential learning through study and modeling of traditional food systems within these specific ahupua'a in the Ko'olaupoko district. Participants will gain valuable experience at various sites within the ahupua'a system, and will develop valuable skills and knowledge in all areas of the ahupua'a, receive a stipend for expenses, plus tuition at WCC provided by generous funding through the Castle Foundation. Targeting 10-15 Windward Youth, ages 16-23 years old, successful applicants will be working at Ho'okua'aina with a team of farm managers and the Executive Director Dean Wilhelm, immersed in the traditional Hawaiian practice of lo'i kalo, of farming kalo, a culturally significant and vital staple to the Hawaiian people. All intern participants will be challenged to grow in areas of personal and professional development. In addition to practicing important Hawaiian values, beneficial technical and job readiness skills will be gained over the course of the internship. It is anticipated that if the ASC is successful more funding will be leveraged by other organizations in the future.

Review of Windward Community College Program

Name: _ Ahupua'a Systems: Indigenous Resource Management & Food Production

1. Proposer _____ Bradley K. Fox _____

2. Department Area (more than one departmental instructor's signature required)

Signature

Date
11/15/19

11/15/19

3. Department _____
Department Chairperson
Date
11-18-19

4. Division _____
Dean of Academic Affairs
Date
11/12/19

5. Curriculum Committee Review _____ Approved / Disapproved

Curriculum Committee Chairperson
Date
11/26/2019

6. Faculty Senate Review _____ Approved / Disapproved

Faculty Senate Chairperson
Date
12/3/2019

7. Vice Chancellor for Academic Affairs _____ Approved / Disapproved

Vice Chancellor of Academic Affairs
Date
received 9/11/20,
approved 9/15/20

8. Chancellor _____ Approved / Disapproved

Chancellor
Date
9/16/2020

If disapproved, please provide reasons on the back of the form