

IRAO OFFICE USE ONLY	
Received	
In Banner	
MTVCOMP/Codeset	
Master Curriculum	
CIP Code	
Program Code	
Program Description	

University of Hawai'i
Code Request Form for Academic Programs for
**NEW OR MODIFY
PROGRAM CODE**

Reset Form

New Program Code **Modify Program Code**

Date: 2/26/2016

REQUESTOR CONTACT INFORMATION

Name Kathlen Lee Campus Kauai CC
 Title Educational Specialist Email kathlen@hawaii.edu
 Office/Dept Academic Affairs Phone 808-245-8204

NEW PROGRAM CODE TO CREATE

Institution KAU - Kauai CC Campus KAU - Kauai CC
 Level UG - Undergraduate Effective Term Fall 2016

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>IN</u>	<u>Instructional</u>	<input type="checkbox"/> See Banner form STVCOLL
Department	(4) <u>MS</u>	<u>Math and Science</u>	<input type="checkbox"/> See Banner form STVDEPT
Degree/Certificate	(6) <u>CO</u>	<u>Certificate of Competence</u>	<input type="checkbox"/> See Banner form STVDEGC
Major	(4) <u>GISA</u>	<u>Advanced Geographic Info Sys</u>	<input type="checkbox"/> See Banner form STVMAJR
Concentration	(4) _____	_____	<input type="checkbox"/> See Banner form STVMAJR
Minor	(4) _____	_____	<input type="checkbox"/> See Banner form STVMAJR

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. 1.5 years

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

ADDITIONAL COMMENTS

Due to grant funding, we are requesting to add a new certificate program track to the newly approved Geographic Information Systems program.

ATTACHMENTS

BOR Approved: Associate, Bachelor and Graduate Degrees, and sole credential certificates

BOR Meeting Minutes & Supporting Documents Curriculum

Chancellor Approved: Certificates related to authorized BOR program & Associate in Technical Studies (ATS) Degree

Memo from Chancellor to notify VPAA about new program Curriculum

For new certificates approved by the Chancellor, the related BOR authorized academic program is:

N/A

per Suzette Robinson, via phone 6/1/2016 12:43 p.m., creation of CO aligns with UHCCP 5.203 Section IV.B.10

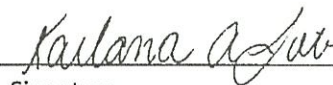
VERIFICATIONS

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

Registrar:

Kailana Soto

Print Name



Signature

2/20/16

Date

Financial Aid Officer:

Jeff Anderson

Print Name



Signature

3/2/16

Date

For Community Colleges, verification of consultation with OVPCC Academic Affairs:

Suzette Robinson

Print Name



Signature

3/17/16

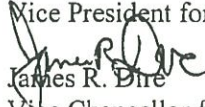
Date




March 3, 2016

MEMORANDUM

TO: Risa E. Dickson
Vice President for Academic Affairs

VIA: 
James R. Dire
Vice Chancellor for Academic Affairs

FROM: Helen A. Cox 
Chancellor

SUBJECT: Curriculum Approval

I have approved the following on 1/4/2016 effective Fall 2016.

New

Automotive Technology:

Certificate of Competence (C.O.) – HEV Diagnostic and Repair
Certificate of Competence (C.O.) – HEV Preventive Maintenance and Repair
Certificate of Achievement (C.A.) – Driveability Technician
Certificate of Achievement (C.A.) – Heavy Line Technician
Certificate of Achievement (C.A.) – Automotive Green Technology

Fitness Professional:

Academic Subject Certificate (A.S.C.) – Fitness Professional

Geographic Information Systems:

Certificate of Competence (C.O.) – Geographic Information Systems
Certificate of Competence (C.O.) – Advanced Geographic Information Systems

Natural Science (Associate in Science):

Concentration – Pre-Engineering*

*This program is effective Spring 2016.

Memorandum to Vice President for Academic Affairs Risa E. Dickson
March 3, 2016
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Program certificate/title change

Automotive Technology:

Certificate of Achievement (C.A.) – Electronics/Computer Control Specialist (previously
Certificate of Competence)

Certificate of Achievement (C.A.) – Master Automobile Service Technology (previously
Automotive Technology)

Removal of certificate/program

Natural Science (Associate in Science):

Concentration – Plant Biology and Tropical Agriculture

kl

c Division Chairs
 Tammie Napoleon
 Gordon Talbo
 Brian Yamamoto

VCAA Office Use Only	
Effective Fall	_____
Date Approved	_____
Replaces	_____

**Kaua'i Community College
University of Hawai'i
Program Action Request**

1. **Type of Program Action:** New Modification Deletion

PROPOSED	GIS CO	Advanced GIS CO
Fall Semester 1		
GIS 189	3	3
GIS 200	3	3
Spring Semester 1		
GIS 205		3
GIS 205L		1
Fall Semester 2		
GIS 213		3
GIS 214		3
Total Credits	6	16

2. **Program Type:**

- | | |
|---|--|
| <input type="checkbox"/> Associate in Applied Science (AAS) | <input type="checkbox"/> Certificate of Achievement (CA) |
| <input type="checkbox"/> Associate in Arts (AA) | <input checked="" type="checkbox"/> Certificate of Competence (CO) |
| <input type="checkbox"/> Associate in Arts–Concentration | <input type="checkbox"/> Academic Subject Certificate (ASC) |
| <input type="checkbox"/> Associate in Science (AS) | |
| <input type="checkbox"/> Associate in Science Natural Sciences–Concentration (ASNS) | |

3. **Program Title:** Geographic Information Systems

4. **Program Description (for catalog):**

Geographic Information Systems (GIS) is a computerized system used to design, capture, store, manipulate, analyze, manage, and present geographically referenced information or data. GIS combines cartography, statistical analysis, and databases to manipulate spatial areas for a given application.

Program Admission Requirements:

Qualified for ENG 100.

Graduation Requirements:

5. **List Program Student Learning Outcomes** that were approved by the Assessment Committee on 10/17/13:

1. Analyze and describe contemporary and interdisciplinary geographical representation, with a focus on social and environmental management issues.
2. Apply acquired knowledge and skills, incorporating geographic perspectives into their major fields of specialization.
3. Critically analyze the specific advancements of geographical representation, and support geographic decisions and the furthering of geographic scientific and technological knowledge, especially related to the presentation of geographic mapping across cultures and through time, and assessing theories and assumptions about mapping and decision-making that relate to the student's particular academic focus.
4. Illustrate critical thinking skills in decision-making that reflect ethical and professional understandings of geographic mapping.
5. Describe and analyze the politics and influences of geographical representation.
6. Construct maps utilizing digital techniques, computer assisted design (CAD), database development, and map design.
7. Communicate successfully orally and in writing in Standard American English, and interpret, and/or express themselves in, some other form of communication at a basic level, whether from knowledge of a second language or through artistic or symbolic expression.
8. Analyze and demonstrate quantitative methods appropriately, based upon a scientific understanding of the physical and natural world, and an understanding of the mathematics of digitized geographical representation.

6. **Proposed Date of First Offering:** Fall 2016

7. **Is this program offered at another UH campus?** Yes No
If **Yes**, specify campus. If **No**, why is this program offered at KCC:

It is offered because the GIS Certificate Program has been sponsored by the National Science Foundation's Tribal Colleges and Universities Program (T.C.U.P.), under Grant #HRD-1265462.

8. **Reason for this Program Action:**

The Geographic Information Systems (GIS) Certificate will satisfy a couple of course requirements for the Geography degree programs at the University of Hawai'i at Mānoa and the University of Hawai'i at Hilo. It will also satisfy employer needs for employees who have completed a course of study in GIS and geotechnological decision-making. Students gain overall knowledge of GIS; analyze the social and ethical context of mapping, knowledge production and geovisualization; examine the diverse range of GIS applications; and complete projects with practical components involving the use of analytical software packages such as ArcGIS 10 by ESRI, among others, to address decision-making in relation to a diverse range of societal and environmental concerns.

9. **Board of Regents Approval Needed:** Yes No

10. Indicate the number of semesters required to complete each certificate and degree.

Certificate/Degree	Number of Semesters
GIS CO	1
Advanced GIS CO	3

11. **Program Course Sequencing:** Complete one for each certificate/degree if sequencing is not provided with question #1.

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PROGRAM ACTION REQUEST APPROVAL

PROGRAM: Geographic Information Systems Certificates of Competence

Effective date: Fall 2016

PSLOs Approved by: _____
Assessment Committee Chairperson Date

Proposed by: _____
Originator Date

Requested by: _____
Department/Division Chairperson Date

Approved by: _____
Curriculum Committee Chairperson Date

Vice Chancellor for Academic Affairs Date

Chancellor Date