

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

**Reset Form**

# NEW OR MODIFY PROGRAM CODE



**New Program Code**



**Modify Program Code**

Date: 01/17/2017

**REQUESTOR CONTACT INFORMATION**

Name Shelby Wong Campus UH Hilo  
 Title Curriculum & Catalog Coord. Email shelbyw@hawaii.edu  
 Office/Dept OVCAA Phone (808) 932-7927

**NEW PROGRAM CODE TO CREATE**

Institution HIL - UH Hilo Campus HIL - UH Hilo  
 Level UG - Undergraduate Effective Term Fall 2017

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>AR</u>	<u>Arts &amp; Sciences</u>	<input type="checkbox"/> See Banner form STV_COLL
Department	(4) <u>HUM</u>	<u>Humanities</u>	<input type="checkbox"/> See Banner form STV_DEPT
Degree/Certificate	(6) <u>SC</u>	<u>Subject Certificate</u>	<input type="checkbox"/> See Banner form STV_DEGC
Major	(4) <u>ART</u>	<u>Art</u>	<input type="checkbox"/> See Banner form STV_MAJR
Concentration	(4) <u>DVC</u>	<u>Digital Visualization &amp; Com</u>	<input checked="" 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.*

1 YEAR

**Special Program Designations**

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

A  B  N  P  T  U

Required Terms of Enrollment:  Fall  Spring  Summer  Extended

ADDITIONAL COMMENTS

New Subject Certificate in Digital Visualization and Communication approved in the 2016-2017 curricular review cycle.

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:  
ART- B.A. Art

VERIFICATIONS

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

**Registrar:**

Chelsea Kay-Wong



1/23/17

Print Name

Signature

Date

**Financial Aid Officer:**

Sherrie Padilla



1/23/17

Print Name

Signature

Date

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

Print Name

Signature

Date

# Code | Digital Visualization and Communication Certificate

Approved | 2017 Fall

## Proposal Information

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### Workflow Status

#### Proposer

- ✓ **Jonathon Goebel**  
Created 12-15-2016

#### (Curriculum Coordinator) \\ Curriculum Coordinator

- ✓ **Shelby Wong**  
Approved 9-29-2016

Curriculum and Registrar completed review.

#### Department (Art (ART)) \\ Department Chair

- ✓ **Michael Marshall**  
Approved 10-14-2016

Strong cross disciplinary support

#### College (College of Arts and Sciences (CAS)- Humanities) \\ Division Chair

- ✓ **Seri Luangphinit**  
Approved 10-21-2016

#### College (College of Arts and Sciences (CAS)- Humanities) \\ College Curriculum Review Committee Chair

- ✓ **Diane Van Hoose**  
Approved 10-21-2016

Approved by CAS Curriculum Review Committee on 10/24/2016, vote 4-0-0.

#### College (College of Arts and Sciences (CAS)- Humanities) \\ Associate Dean

- ✓ **Misaki Takabayashi**  
Approved 11-18-2016

#### College (College of Arts and Sciences (CAS)- Humanities) \\ Dean

*(CCRC) \ CCRC Chair*

- ✓ **Linda Connelly**  
Approved 11-23-2016

*(VCAA) \ VCAA*

- ✓ **Matthew Platz**  
Approved 11-23-2016

*(Curr Coord Final) \ Curriculum Coordinator*

Shelby Wong

VCAA Student Assistant

## Changes

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### Program Title

Digital Visualization and Communication Certificate

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## Admin Use Only

Code

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## P) Proposal Details

### P.1) This is a proposal for:

New certificate or minor track within an existing BOR approved Baccalaureate or Graduate program

### Home Program

Art

### P.2) Proposal Summary

The Art Department is proposing to house this new multidisciplinary certificate .

### P.3) Proposal Rationale/Justification

The certificate offers a pathway for students to gain experience in the areas of digital visualization and communication with an interdisciplinary influence. The certificate benefits students by providing a structured program of study that provides practical skills in visual reasoning, digital imaging, communication, team collaboration, and creatively interpreting analytical data.

**P.4) Related Course(s)**

## Existing Courses:

CS 130 Beg Graphics, Game Programg (3)  
 CS 135 Animation Programming (3)  
 CS 200 Web Technology I (3)  
 ART 112 Introduction to Digital Media (3)  
 CS 150 Intro To Computer Science I (3)  
 ART 121 FP Studio: Beg Drawing (3)  
 ART 123 FP Studio: 2-D Design (3)  
 ART 207 Photography I (3)  
 CS 340 Graphical User Interface (3)  
 ENG 285 Intro to News Writing & Report  
 ENG 286A Intro to Fiction Writing  
 ENG 286B Intro to Poetry Writing  
 ENG 201 Global Cinema  
 ENG 200G Intro to Graphic Novels and Comics  
 ENG 318 Playwriting (3)

## Newly Proposed Courses: (To Start Fall 2017)

ART 401 Applied Digital Visualization  
 CS 475 Data Visualization (3)

**P.5) Course(s) from Other Departments**

Yes

**Courses**

CS 475 Data Visualization (3) - Proposal Submitted

ENG Courses- Approval Attached

An additional content (data) course will be offered from another discipline each time Cyber Canoe is offered. The content portion the course is intended to change each time the course is offered.

**P.6) Proposal Impact(s) - Resources**

no

**P.7) Department Vote**

	DATE	APPROVE	NOT APPROVE	ABSTAIN
DEPT VOTE	2016-09-30	4	0	0

**P.8) Proposal Supporting Documents**

- CS Cyber Canoe Approval.pdf (/api/cm/files/06cbef30-9e4c-46ca-8582-006822e12eeb)
- ENG Approval- Digital Visualiz Cert.pdf (/api/cm/files/17456e32-f020-4a34-aaf4-fdbc41b93b23)
- ENG Cyber Canoe Approval.pdf (/api/cm/files/0fa5f3c9-7224-4025-bd70-425de4075cb0)
- MARE Cyber Canoe Approval.pdf (/api/cm/files/604a2a34-1a5a-4a5f-9f54-5508732c0e83)

**P.9) Proposer Notes**

# 1) Program Information

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## 1.1) Degree Type

Undergraduate Subject Certificate

## 1.2) Program Description

The certificate offers a pathway for students to gain experience in the areas of digital visualization and communication with an interdisciplinary influence. The certificate provides a diverse, structured program of study with practical skills in visual reasoning, digital imaging, communication, team collaboration, and creatively interpreting analytical data.

## 1.3) Program Catalog Description

The Digital Visualization and Communication Certificate is designed for both majors and non-majors who wish to show expertise in the areas of digital arts and visualizing data. Prerequisites must be completed before registering for individual courses in the Certificate.

Total Required Credits: 18

- Choose one of: (3)

- CS 130 Beg Graphics, Game Programg (3)
- CS 135 Animation Programming (3)
- CS 200 Web Technology I (3)

- Choose one of: (3)

- ART 112 Introduction to Digital Media (3)
- CS 150 Intro To Computer Science I (3)

- Choose one of: (3)

- ART 121 FP Studio: Beg Drawing (3)
- ART 123 FP Studio: 2-D Design (3)

- Choose one of: (3)

- ART 207 Photography Studio I (3)
- CS 340 Graphical User Interface (3)

- Choose one of: (3)

- ENG 285 Intro to News Writing & Report (3)
- ENG 286A Intro to Fiction Writing (3)
- ENG 286B Intro to Poetry Writing (3)
- ENG 201 Global Cinema (3)
- ENG 200G Intro to Graphic Novels and Comics (3)
- ENG 318 Playwriting (3)

- Capstone- Choose one of:

- ART 401 Applied Data Visualization (3)
- CS 475 Data Visualization (3)

**1.4) College**

College of Arts and Sciences (CAS)- Humanities

**1.5) Department**

Art (ART)

**2) Program Requirements**

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**2.1) Minimum Number of Credits**

18

**2.2) Minimum GPA**

2.0

**2.3) Minimum Acceptable Grade**

1.0

**2.4) Program Notes**

Note: The following courses were removed from the program due to rejection in KSCM:

ART 212 3D Draw/Sculpt in Virtual Reality (3)

ART 301 Digital Imaging for the WWW (3)

**3) Attachments**

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