Academic Subject Certificate
Creative Media
21 credits

The Certificate in Creative Media is designed for students who plan to earn a bachelor’s degree in Animation & Computer Games or Interactive Media. The certificate provides creative individuals with the art and design training needed to explore and express ideas using leading-edge technology as well as interactive scripting. The certificate focuses on 3D visual art production for the film, broadcast, and computer game development industries. The certificate provides a balance of technical skills and aesthetic development, culminating in a portfolio-building project targeted to the student’s chosen specialization.

Students can take the required courses at any UH Community College and/or at UH Mānoa. A minimum of 50% of 12 required credits for the certificate must be taken at Leeward Community College. At least 6 credits of the 21 required credits for the Certificate would also apply as general education core requirements for the Associate in Arts (AA) degree. With proper planning, the Certificate can be used as electives for the AA degree and will not exceed the maximum credits needed for the AA.

Students planning to transfer to a bachelor’s degree program in either Animation & Computer Games or Interactive Media should obtain the application program requirements sheet for the Transfer College or university and see a counselor for academic advising.

Program Coordinator Irwin Yamamoto
Office DA 207
Phone 455-0513
iyamamot@hawaii.edu

Specialization Animation & Computer Games Requirements
Course Alpha  Course Title Credits
Design and Illustration
2 different courses up to 6 credits from the list below
ART 113  Introduction to Drawing (3)
ART 113D  Introduction to Computer Drawing (3)
ART 115D  Digital Design (3)

Animation and Production
4 different courses up to 12 credits from the list below
DMED 122  NetPrep Flash Animation (3)
DMED 140  Principles of Animation (3)
DMED 141  Introduction to 3D Animation (3)
DMED 240  Animation & Special Effects (3)
DMED 242  Character Animation (3)
DMED 243  3D Modeling & Animation (3)

Technology
3
ICS 111  Introduction to Computer Science I (3)

Total Credits: 21

Specialization Interactive Media Requirements
Course Alpha  Course Title Credits
Design and Illustration
3 credits from the list below
ART 113  Introduction to Drawing (3)
ART 113D  Introduction to Computer Drawing (3)
ART 115D  Digital Design (3)

Animation and Production
3 credits from the list below
DMED 122  NetPrep Flash Animation (3)
DMED 140  Principles of Animation (3)
DMED 141  Introduction to 3D Animation (3)

Technology
5 different courses up to 15 credits from the list below
ICS 111  Introduction to Computer Science I (3)
ICS 141  Discrete Math For Computer Science I (3)
ICS 211  Introduction to Computer Science II (3)
ICS 212  Program Structure (3)
ICS 241  Discrete Math For Comp II (3)

Total Credits: 21

Academic Subject Certificate in Creative Media Program Learning Outcomes

Upon successful completion of this certificate, students will be able to:

- Develop critical thinking and problem-solving skills for project planning and use of necessary collaborative skills.
- Apply the principles of animated film, behavioral animation concepts, timing, movement analysis and dramatic interpretation.
- Apply scripting techniques to automate and manipulate multimedia.
- Communicate clearly and concisely, visually, verbally and in writing, using techniques appropriate for the intended audience.
Academic Subject Certificate
Digital Art: Photographic Emphasis
18 credits
An Academic Subject Certificate in Digital Art, encompassing a focus on visual art produced digitally. The certificate emphasizes digital photography.

Program Coordinator Wayne Muromoto
Office AM 202
Phone 455-0280
wmuromoto@hawaii.edu

Requirements

<table>
<thead>
<tr>
<th>Course Alpha</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 101</td>
<td>Introduction to the Visual Arts</td>
<td>3</td>
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<tr>
<td>ART 107D</td>
<td>Intro to Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 112</td>
<td>Digital Art</td>
<td>3</td>
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<tr>
<td>ART 207D</td>
<td>Intermediate Digital Photography</td>
<td>3</td>
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<tr>
<td>DMED 200</td>
<td>Electronic Portfolio</td>
<td>3</td>
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<td></td>
<td>Total Core Courses: 15</td>
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<tr>
<td>Electives (one of the following):</td>
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<td>3</td>
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<tr>
<td>ART 115</td>
<td>Introduction to Design (3)</td>
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<tr>
<td>ART 113D</td>
<td>Intro to Computer Drawing (3)</td>
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<tr>
<td>ART 277D</td>
<td>Studio Photography (3)</td>
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<tr>
<td>DMED 131</td>
<td>Introduction to Digital Video (3)</td>
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<td>Total Credits: 18</td>
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</tbody>
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Academic Subject Certificate in Digital Art: Photographic Emphasis Program Learning Outcomes

Upon successful completion of this certificate, students will be able to:

- Demonstrate artistic and technical quality in designing digital artworks.
- Demonstrate skills in art and digital media for further academic study or the workplace.
- Communicate effectively with customers and co-workers in an organizational setting through visual presentations.