



University of California
San Diego Extension

CERTIFICATE PROGRAM BENEFITS

- Hands-On Training
- Industry Experienced Instructors
- Courses that are aligned with professional trends and standards
- Portfolio Development and Review

SPECIALIZED CERTIFICATE IN

Animation for the Web



The Specialized Certificate in Animation for the Web prepares participants for careers in developing high quality graphics and animations for the Web. This is a rapidly growing career area.

Students will learn the uses and applications of Flash, a highly accepted animation tool, to create vector animations and interactive media for the Web. Students will also learn to use Photoshop as a primary tool for optimizing graphics, preparing them for Web compatibility. In addition, students will create a variety of projects and will develop a portfolio that can help them in reaching their professional goals.

REQUIRED COURSES (12 units)

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| • Animation for the Web–Flash I (CSE-40494) | 3 units |
| • Advanced Animation for the Web–Flash II (CSE-40495) | 3 units |
| • Digital Imaging I: Photoshop I (ART-40117) | 3 units |
| • Web Graphic Optimization (CSE-40483) | 3 units |

Portfolio Review by Advisory Committee

Animation for the Web

COURSE DESCRIPTIONS

**Animation for
Web-Flash I
(CSE-40494)** 3 units

This course introduces students to Macromedia Flash, the industry leading application used to create web-based animations. Students learn the uses and applications of Flash to create vector animations and interactive media for distribution over the Internet, fundamental animation techniques as well as advanced capabilities involving layers, motion paths, keyframes, tweening, interactivity, incorporating graphics and sound, and distributing flash movies from a web site.

NOTE prerequisite: Basic MAC or PC working knowledge.

**Advanced
Animation
for the Web-Flash II
(CSE-40495)** 3 units

This course is designed to provide the student with an in-depth exploration of the advanced authoring capabilities of Macromedia Flash for combining web-based animations and interactivity. Students completing the course will have an in-depth understanding of animation, interactivity, and actions, and Flash authoring.

NOTE prerequisite: "Animation for the Web-Flash I" (CSE-40494) or equivalent knowledge.

**Digital Imaging 1:
PhotoShop 1A
(ART-40117)** 3 units

This course introduces the photographic capabilities of computers and provides instruction in scanning color and black-and-white images. Using Adobe PhotoShop software, students learn to perform all the manipulations that were previously possible only in the darkroom and practice experimenting with aspects of image making that are possible only on a computer. *Recommended prerequisite:* "Digital Media" (ART-40206) or equivalent knowledge.

**Web Graphic
Optimization
(CSE-40483)** 3 units

This course provides the student with a critical look at graphic design and optimization for the Internet. Students will become familiar with a variety of leading graphics tools with an emphasis on facilitating the production of quality web sites and web site content.

NOTE prerequisite: "Digital Imaging I" (ART-40117) or equivalent knowledge.