

COURSE OUTLINE

MASS-271

Multimedia Authoring and Design II

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course is a continuation of Multimedia Authoring and Design I. The underlying scripting language in Adobe Flash, Actionscript, is emphasized. In addition to vector and raster-based art, students will use sound and video in presentations, games, and animations. Taught from a design perspective, students will employ Actionscript to produce dynamic content, interactive animation, and advanced interaction components, providing a richer, more involved presentation and user experience. Prerequisite: ARTT/MASS-270. (4 hours weekly) NOTE: Also listed as ARTT-271.

Overall Course Objectives

Upon completion of this course, the student will be able to:

1. Design and produce advanced interfaces and menus using Adobe Flash
2. Utilize sound and video in Adobe Flash
3. Storyboard advanced interaction concepts such as if/else conditions and user input
4. Write and apply ActionScript to handle if/else conditions, user input, advanced animation and interaction
5. Integrate Flash content into traditional HTML layouts (web pages)

Major Topics

- I. Drawing, animation, and basic Actionscript review
- II. Preparing, importing, and using sound and video in Adobe Flash
- III. Storyboarding dynamic content and navigation
- IV. Actionscript
 - a. Variables
 - b. "If/else" statements
 - c. "For" statements
 - d. External Actionscript files, classes, functions

Course Requirements

Grading/exams: Students will produce a portfolio for four multimedia pieces consisting of an educational tool, virtual tour, game, and one piece defined entirely by the student.

Other Course Information

This course is a Humanities and an Arts and Science elective.