

# COURSE OUTLINE

## MASS-270 Multimedia Authoring and Design I 3 Semester Hours

### HOWARD COMMUNITY COLLEGE

#### Description

This course is an overview and introduction to creating multimedia animations and presentations. Taught from a design perspective, students will use Adobe Flash to draw and animate vector-based art, import and animate raster-based images, and storyboard and implement basic interactivity using ActionScript. Projects will be exported for publication on the web and CD-ROM. Prerequisite: ARTT-112. (4 hours weekly) NOTE: Also listed as ARTT-270.

#### Overall Course Objectives

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

1. Define various forms of multimedia presentations.
2. Create vector-based art using Adobe Flash drawing tools.
3. Design storyboards for animation and interactivity.
4. Apply keyframe techniques to produce animations.
5. Utilize ActionScript to achieve basic interactivity.
6. Design and produce visual interfaces for multimedia presentations.
7. Publish multimedia presentations for web and CD-ROM.

#### Major Topics

- I. Introduction to multimedia forms
- II. Overview of Adobe Flash
- III. Drawing in Flash/Creating vector-based content
- IV. Animating content via keyframes.
- V. Storyboarding multimedia content.
- VI. Creating buttons and movieclips
- VII. ActionScript: Controlling the timeline and interactivity
- VIII. Publishing Flash content on Web and CD-ROM

#### Course Requirements

Grading/Exams: Students will produce a portfolio for four projects ranging from basic animation to non-linear interactive presentations.

#### Other Course Information

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