

COURSE OUTLINE

ARTT-270

Multimedia Authoring and Design I

3 Semester Hours

HOWARD COMMUNITY COLLEGE

Description

This course will include the basic skills in authoring for CD-ROM: conceptualize, storyboard and design for multimedia projects. Students will work with software such as Macromedia Director. Prerequisite: ARTT-112. (4 hours weekly) NOTE: Also listed as MASS-270.

Overall Course Objectives

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

1. Design interactive environments for CD-ROMs.
2. Design Shockwave movies for use on the World Wide Web.

Major Topics

- I. Introduction to web multimedia – beyond the static page
 - A. Text-based media
 - B. Graphic images
 - C. Animation
 - D. Audio
 - E. Video
 - F. VRML
- II. Shockwave for Director
 - A. Director Tools
 1. The Stage Window
 2. The Cast Window
 3. The Score Window
 4. The Text Window
 5. The Field Window
 - B. Creating Shockwave
 - C. Compressing Shockwave
 - D. Embedding Shockwave
 - E. Extending Shockwave Functionality

- III. Planning, Design, and Management
 - A. Management
 - B. Design
 - C. Production
 - D. Bandwidth
 - E. User Platforms
 - F. Web Integration

- IV. Shockwave Media Creation - Repurposing Media Elements
 - A. Text
 - B. Color Palettes
 - C. Graphics
 - D. Color Depth
 - E. Tiles
 - F. Animation
 - G. Digital Video
 - H. Shockwave Audio

- V. Shockwave Authoring
 - A. Directory Structures and Pathnames
 - B. Scaleable Movies
 - C. HTML Authoring
 - D. Lingo Dictionary
 - E. Movie in a Window
 - F. Custom Menus

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include two quizzes or exams and at least one creative lab activity.

Other Course Information

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