

Common Course Outline

MULT 109

Multimedia Authoring I

3 Semester Hours

The Community College of Baltimore County

Description

Multimedia Authoring I

Examines the use of computer technology to enhance presentations and create interactive educational and training materials; covers screen design, animation, and scripting.

Prerequisite: (RDNG 051 or LVR 1), (ENGL 051 or LVE 1) or (ESOL 051 or LVE 1), and previous word processing and Internet experience or consent of instructor

Overall Course Objectives

Upon successfully completing the course students will be able to:

1. identify important events and people in the history of Multimedia. (IV, V, 1)
2. identify the major technology components behind Multimedia. (I, IV, 2, 6)
3. incorporate media forms including text, graphics, animation, video, and sound. (II, III, 2, 3, 4)
4. design storyboards for the layout of large projects. (III, 4, 7)
5. design computer animation. (VII, 4)
6. use system variables and functions. (III, 4, 7)
7. use computer design concepts and apply them in critiques. (II, IV, VI, 5, 6)
8. apply interface skills to enhance user interaction (II, 5, 8, 9)
9. apply team concepts to utilize diverse skills. (III, 7)
10. prepare interactive computer products in authoring package. (II, III, VII, 7)
11. understand ethical issues related to Multimedia. (V, 5, 6)
12. evaluate information gathered for timeliness, authority, accuracy, validity and completeness. (III, V, VI, 5,6,8,9)

Major Topics

- I. Introduction to Multimedia
 - A. Uses of Multimedia
 - B. Team structure of Multimedia
 - C. Computer Hardware
 - D. Multimedia Software
 - E. Production Value
 - F. Human Computer Interface
- II. Creating Linear Presentations
 - A. Text
 - B. Imported graphics
 - C. Timing
- III. Animation
 - A. Creating images
 - B. Designing linear movement

- C. Cel animation
- D. Programming animation
- IV. Interactivity
 - A. Creating Menus
 - B. Button, Text, Hot-spot Options
 - C. Designing Feedback
- V. Non-linear programs
 - A. Decision-based branching
 - B. Use of Variables and Functions
 - C. Calculations
 - D. Hypertext Links
 - E. Scripting
- VI. Issues Related to Distribution of Multimedia
 - A. Social issues
 - B. Copyrights, security
 - C. E-Commerce
- VII. Multimedia as it Relates to the Internet
 - A. Bandwidth
 - B. Digital Divide
 - C. Technology Lag

Course Requirements (General Education Goal #VII)

Grading: Grading procedures will be determined by the individual faculty member, will be provided the first week of class, and will include the following:

1. At least four Team Projects: Students will work in teams to produce corporate-styled projects, as approved by the instructor.
2. At least two Tests, Exams, and/or Quizzes: Individual faculty will notify students of the testing procedures to be used.
3. Comprehensive Final Exam: The course will include a comprehensive final exam, which may include a final project.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

The Community College of Baltimore County is committed to providing a high-quality learning experience that results in growth in knowledge, attitudes, and skills necessary to function successfully as a transfer student, in a career and as a citizen. To accomplish this goal, we maintain high academic standards and expect students to accept responsibility for their individual growth by attending classes, completing all homework and other assignments, participating in class activities and preparing for tests.

We take seriously our responsibility to maintain high-quality programs and will periodically ask you to participate in assessment activities to determine whether our students are attaining the knowledge, attitudes and skills appropriate to various courses and programs. The assessment activities may take many different forms such as surveys, standardized or faculty-developed tests, discussion groups or portfolio evaluations. We ask that you take these activities seriously so that we can obtain valid data to use for the continuous improvements of CCBC's course and programs.

Other Course Information

This course is one of the first courses in the Internet and Multimedia Technology Program at CCBC Essex.

