



MSP 74 - Multimedia Production I

Catalog Description

Transfer Status: CSU

Unit(s): 3.00

Lecture: 34.00 Contact hours/68.00 Out of class hours/102.00 Total hours/2.00 Unit(s)

Lab: 51.00 Contact hours/0.00 Out of class hours/51.00 Total hours/1.00 Unit(s)

Total: 85.00 Contact hours/68.00 Out of class hours/153.00 Total hours/3.00 Unit(s)

Course Description: This course introduces students to skills and techniques used to produce computer generated multimedia presentations. Areas of study will include the development of multimedia projects and the study of multimedia tools, the selection of hardware, use of text, photography, graphics, animation, digital video and audio.

Objectives

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

- 1. Create basic multimedia and graphic presentations.
2. Use multimedia software applications to create interactive projects.
3. Develop audio and visual communications for interactive projects.
4. Formulate and execute ideas for basic multimedia projects.

Course Content

Topic Titles / Suggested Time Topic

Lecture

Table with 2 columns: Topics and Lec Hrs. Lists various multimedia topics and their corresponding lecture hours.

Total Hours: 34.00

Lab

Table with 2 columns: Topics and Lab Hrs. Lists lab topics and their corresponding lab hours.

| Topics | Lab Hrs |
|-------------------------------------|----------------|
| Planning the production | 3.00 |
| Producing the project | 3.00 |
| Hardware | 1.00 |
| Text | 1.50 |
| Graphics | 3.00 |
| Photography | 3.00 |
| Animation | 3.00 |
| 3D modeling | 3.00 |
| Video and Digital Video | 3.00 |
| Sound (music and voice) | 3.00 |
| Presentation programs | 1.50 |
| Using interactive programs | 1.50 |
| Authoring and Scripting | 3.00 |
| Multimedia authoring environments | 3.00 |
| Creating cross-platform projects | 3.00 |
| Displaying color graphics | 3.00 |
| Add the background, fields, buttons | 1.50 |
| Adding the Content-Text | 1.50 |
| Adding Photos and Graphics | 1.50 |
| Adding Sound and Video | 1.50 |

Total Hours: 51.00

Methods of Instruction

- A. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- B. Multimedia Presentations
- C. Lecture/Lab Demonstrations

Methods of Evaluation

- A. Quizzes
- B. Final Examination
- C. Lab participation, Tests, Homework: in-class assignments using the computer and software programs.

Examples of Assignments

Reading Assignments

1. Research and read about a multimedia company or freelance multimedia designer. Be prepared to discuss and share this project with the class.
2. Research and read an interview with a multimedia industry professional. Find three projects created by the designer and share with class.

Writing Assignments

1. Develop a multimedia storyboard and write a description of the processes and techniques needed to produce the project.
2. Research a multimedia professional and write a one page paper on the background of this individual. Share with the class.

Out-of-Class Assignments

1. View the list of multimedia interview videos supplied by the instructor. Research one of the multimedia designers interviewed and showcase the individuals work with the class.
2. Research new software and technology used in multimedia products. Find an example where the software or technology has been implemented in a real project and share the project with the class.

Recommended Materials of Instruction

Other Learning Materials

Handouts
 Periodicals
 Instructional DVDs
 Tutorials

Minimum Qualifications

Computer Science (Masters Required)

Graphic Arts
Art (Masters Required)
Office Technologies

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