Global Learning Semesters
Course Syllabus
Course: COMP-260 Multimedia design and development I
Department: Computer Science
Host Institution: University of Nicosia, Nicosia, Cyprus

GLOBAL LEARNING SEMESTERS

Course Summary

Course Code	Course Title	Recommended Credit Hours
COMP-260	Multimedia design and development I	3
Semester Offered	**Contact Hours**	**Prerequisites**
Fall, Spring	42	COMP-161
Department	**Level of Course**	**Language of Instruction**
Computer Science	Lower Division	English

Course Description

Introduction to the theory and practice in designing a user intrface. Students will, among other things, learn how to properly design an interface taking into consideration practical and theoretical aspects. More specifically the following topics are covered: Designing an interface, identifying your audience and message, Form, aesthetics and functionality of the interface, Ergonomics and conceptual models.
Metaphors and Affordances, Layout, alignments, leading, kerning, appropriate fonts and sizes.
Icon usage and design, photo preparation, sizes in pixels and resolutions, Creating graphics with the use of Adobe Photoshop, Adobe Premier, Introduction to digital video editing, Macromedia Director, building interactivity and controlling digital video, Documenting, designing and developing multimedia applications for CD-ROM publishing.

Instructor

Mr Paschalis Paschali

Course Aims and Objectives

Introduction to the issues involved in designing and developing multimedia applications giving a greater emphasis in designing the interface. Introduction to layout design and digital video editing. Implementation issues and techniques on Macromedia Director for CD-ROM publishing and for the World Wide Web through the use of the macromedia shockwave extension.

Teaching Methods

The course is delivered through a mixture of lectures, lab presentations, lab tutorials and practical exercises and assignments.

Course Teaching Hours

42 hours (18 hours lectures/presentations + 24 hours laboratory work). The course is delivered during the Fall and Spring semesters in 14-weeks (3 hours/week).

Evaluation and Grading

Homework: 20%
Mid-Term: 30%
Final Exam: 50%

Readings and Resources

Required Textbook
P. Gross, M. Gross, Director 8.5 Shockwave studio, Peachpit Press, 2002, (ISBN: 0-201-74164-4)

Recommended Reading
Designing the User Interface On-line Notes.