

Global Learning Semesters

Course Syllabus

Course: COMP-262 Multimedia Internet Applications

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
COMP-262	Multimedia Internet Applications I	3
Semester Offered	Contact Hours	Prerequisites
Fall, Spring	42	COMP-153
Department	Level of Course	Language of Instruction
Computer Science	Lower Division	English

Course Description

I- Understanding of what the Internet (including Intranets and Extranets) and the World Wide Web is. (Including Intranets and Extranets)

- Web servers, the anatomy of a Web browser (HTTP, FTP, Plug – in, MIME, Cache) TCP/IP numbers, PPP connection, Proxy server.

- The anatomy of an HTML page (HTML concepts, introduction to Dream weaver)

- Web page development process, visual web development.

- Introduction to JavaScript.

- Housing, hosting, domain name and URL, uploading a web site

Instructor

Mrs Liza Pieridou

Course Aims and Objectives

Course designed to introduce students to the world of the Internet and the World Wide Web. Students are introduced to concepts, techniques and tools required for developing hypertext and multimedia Internet applications. The course focuses on HTML design including multimedia techniques and state-of-the-art Internet resources. Includes supervised structured laboratory exercises.

Teaching Methods

The teaching method consists of lectures, workshops, practical exercises, assignments and individual guidance.

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

- Participation, attendance, practical exercises: 30%
- Mid- term exam: 25%
- Final project: 45%

Readings and Resources

Recommended Reading

- Stephen Spainhour and Valerie Quercia, "Webmaster in a nutshell", O'reilly
- David Flanagan, "JavaScript, The definitive Guide", O'reilly