Global Learning Semesters
Course Syllabus
Course: COMP-263 Human-Computer Interaction
Department: Computer Science
Host Institution: University of Nicosia, Nicosia, Cyprus

Course Summary		
Course Code	**Course Title**	**Recommended Credit Hours**
COMP-263	Human-Computer Interaction	3
Semester Offered	**Contact Hours**	**Prerequisites**
Fall	42	COMP-161 Interactive Multimedia Development or COMP-153 Visual BASIC
Department	**Level of Course**	**Language of Instruction**
Computer Science	Upper Division	English

Course Description

Course designed to provide students with an appreciation of the human factors involved in the acceptance of computer interfaces. It concentrates on the important aspects of designing and implementation of Human Computer Interfaces and the impact of these interfaces in the acceptance and performance utilization of Information Systems. Special emphasis is given to Multimedia and WWW interface design. Topics covered include: Human-Computer Interfaces, Interface Design, Quantitative Analysis of Interfaces, Introduction to Textual, Graphical, and Natural Language Interfaces, Windows Concepts and Interfaces, Multimedia Interfaces, WEB Interfaces.

Instructor

Dr Dmitri Apraksine

Course Aims and Objectives

To introduce the student to the issues involved in making computer-based systems comprehensive, friendly and usable.

Teaching Methods

The course is delivered through a mixture of lectures, laboratory work, and assignments.

Course Teaching Hours

42 hours. The course is delivered during the fall semester in 14-weeks (3 hours/week).

Evaluation and Grading

Homework-Assignments: 10%
Test: 15%
Mid-Term: 25%
Final Exam: 50%

Readings and Resources

Required Textbook
J. Raskin, Human Interface, the New Directions for Designing Interactive Systems, Addison-Wesley, 2000, ISBN: 0201379376.

Recommended Reading
M. Rees, A. White and B. White, Designing Web Interfaces, Prentice Hall, 2001, ISBN: 0-13-085897-8.
B. Shneiderman, Designing the User Interface, Addison-Wesley, 1998, (ISBN: 0-201-69497-2).
A. Smith, Human Computer Factors: A Study of User and Information Systems, McGraw-Hill Publ. 1997, (ISBN: 0-07-709261)