

Global Learning Semesters

Course Syllabus

Course: COMP-151 Fundamental Concepts of Computers and Information Technology

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
COMP-151	COMP-151Fund Conc. of Info & Comp	3
Semester Offered	Contact Hours	Prerequisites
Fall, Spring, Summer	42	None
Department	Level of Course	Language of Instruction
Computer Science	Lower Division	English

Course Description

This course is an introduction to computers and information processing. It covers computer literacy topics including a brief history of computing, examination of information technology, the processing unit, computer number systems and data representation, input/output media and devices, primary and secondary storage, application and systems software, systems development life cycle, computer programming languages, files and databases, data communications, future trends in technology and introduction to the Internet and the impact of computers on society.

Instructor

Dr Lefteris Economou

Course Aims and Objectives

To introduce students to the basic concepts of Computers and Information Technology

Teaching Methods

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

Course Teaching Hours

42 hours. The course is delivered during the Fall and Spring semesters in 14-weeks (3 hours/week). During the summer session the course is delivered in 7 weeks (6 hours/week).

Evaluation and Grading

Homework-Assignments: 10%
Test: 15%
Mid-Term: 25%

Final Exam:

50%

Readings and Resources

Required Textbook

L. Long and N. Long, Computers, 2002, 9th Edition, Prentice Hall, (ISBN: 0-13-092980-8)

Recommended Reading

Computers: Tools for an Information Age, Eighth Edition

by H. L. Capron, J. A. Johnson Prentice Hall; 8th edition (May 23, 2003) ISBN: 0131405640