

Global Learning Semesters

Course Syllabus

Course: COMP-252 Computer Concepts

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
COMP-252	Computer Concepts	3
Semester Offered	Contact Hours	Prerequisites
Fall, Spring	42	COMP-151 Fundamental Concepts of Information Systems and Technology. Computer literacy topics, examination of information systems and their impact on society
Department	Level of Course	Language of Instruction
Computer Science	Lower Division	English

Course Description

Study of the function and architecture of computer hardware and software technologies. Introduction to database processing, database design and implementation of relational databases. Topics include: I.S. concepts, Computers and computer systems, Computer networks, Database modeling and implementation. The course also includes supervised structured laboratory exercises

Instructor

Ms Vasso Stylianou

Course Aims and Objectives

1. To appreciate the role of Information Systems in contemporary business processes and decision making and to be exposed to the theme of productivity in using information technology.
2. To understand the fundamentals of the structure and operation of computer hardware, software, operating systems, data communications and networks.
3. To appreciate the stages of traditional development of an Information System, and how these are modified by popular alternatives.
4. To learn about Databases, Database Management Systems and the basic rules of relational database design and implementation and to gain practical experience in database creation, data manipulation, entry and presentation (using Microsoft Access).

Teaching Methods

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

Course Teaching Hours

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

Evaluation and Grading

Assignments:	20%
Tests:	30-40%
Final Exam:	40-50%

Readings and Resources

Required Teaching

Lecturer's notes and Grauer R, Barber M., Exploring Microsoft Access 2000, Prentice Hall