

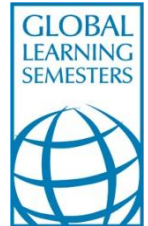
# Global Learning Semesters

## Course Syllabus

Course: COMP-253 Applications Development I

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
COMP-253	Applications Development I	3
Semester Offered	Contact Hours	Prerequisites
Fall	42	COMP-252 Computer Concepts
Department	Level of Course	Language of Instruction
Computer Science	Lower Division	English

### Course Description

A study of the design and implementation issues in database management systems. Topics include data models, logical/physical database design, data access/search techniques, normalization theory, storage, and utilization. Database application design, prototyping and implementation of small-scale single-user business applications are covered through supervised structured laboratory exercises.

### Instructor

Ms Vasso Stylianou

### Course Aims and Objectives

1. To establish a general framework for Information Systems development.
2. To demonstrate how to use information systems techniques to solve managerial and organizational problems of limited complexity by studying realistic cases.
3. To learn how to solve a number of such problems using microcomputer software such as spreadsheets and database management systems

### 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 semester in 14-weeks (3 hours/week).

### Evaluation and Grading

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

## Readings and Resources

### Required Textbook

Grauer R., Barber M., Exploring Microsoft Access 2000, 1999, Prentice Hall, Inc., ISBN: 0-13-020476-5

Grauer R., Barber M., Exploring Microsoft Excel 2000, 1999, Prentice Hall Inc., ISBN: 0-13-011108-2