Global Learning Semesters
Course Syllabus
Course: COMP-352 Database Mgt & Programming
Department: Computer Science
Host Institution: University of Nicosia, Nicosia, Cyprus

Course Summary

Course Code	Course Title	Recommended Credit Hours
COMP-352	Database Mgt & Programming	3
Semester Offered	**Contact Hours**	**Prerequisites**
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	Upper Division	English

Course Description

Topics include data models, logical/physical database design, data access/search techniques, normalization theory, storage, and optimization. Additional topics include database integrity, consistency, privacy, and security and distributed database systems.

Instructor

Ms Vasso Stylianou

Course Aims and Objectives

To introduce students to the basics of database management, design, processing and development.

Teaching Methods

The course is delivered through a mixture of lectures, 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

Project: 20%
Homework: 0-10%
Tests: 30-40%
Final Exam: 40-50%

Readings and Resources

Required Textbook

Kroenke D. M., Database Processing; Fundamentals, Design, and Implementation, 8th Edition, 2002, Pearson Education Inc., Prentice Hall

Recommended Reading

Date C. J., an Introduction to Database Systems, 7th ed., 1999, Addison-Wesley