

Global Learning Semesters

Course Syllabus

Course: COMP-356 Systems Development II

Department: Computer Science

Host Institution: University of Nicosia, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
COMP-356	Systems Development II	3
Semester Offered	Contact Hours	Prerequisites
Not Offered	42	COMP-201 Systems Analysis & Design, COMP-152 PASCAL/Program Development and Junior Standing
Department	Level of Course	Language of Instruction
Computer Science	Upper Division	English

Course Description

The course is designed to provide a thorough understanding of the concepts of software management, project management and software reusability. Topics include software specification, software design, programming techniques and tools, validation, modularity, project management, quality assurance and CASE tools. Completion of a substantial team software development project in a microcomputer environment will be an integral part of the course.

Instructor

Dr Angelika Kokkinaki

Course Aims and Objectives

To introduce students to software life cycle concepts and processes, including analysis, specification, design, testing and maintenance.

Teaching Methods

The course is delivered through a mixture of lectures, lab presentations and team project.

Course Teaching Hours

42 hours. The course is currently not offered.

Evaluation and Grading

Team Project: 20%
Tests: 30%
Final Exam: 50%

Readings and Resources

Required Textbook

R.S. Pressman, Software Engineering, A Practitioner's Approach, 5th Edition, 2000, Mc Graw Hill, ISBN 0-07-707936-1.

I. Somerville, Software Engineering, 6th Edition, 2000, Addison Wesley, ISBN 0-201-42765-6.

Recommended Reading

Pfegger, S. L. (2001), Software Engineering: Theory and Practice, 2nd Edition, Prentice Hall.