

Global Learning Semesters

Course Syllabus

Course: CENG-493 Senior Design Project

Department: Engineering

Host Institution: Intercollege, Nicosia, Cyprus



| Course Summary | | |
|------------------|-----------------------|---------------------------------|
| Course Code | Course Title | Recommended Credit Hours |
| CENG-493 | Senior Design Project | 3 |
| Semester Offered | Contact Hours | Prerequisites |
| As needed | | Approval of Program Coordinator |
| Department | Level of Course | Language of Instruction |
| Engineering | Upper Division | English |

Course Description

A two semester work involving the proposal, implementation and reporting on a program and/or system to perform an engineering function. The design to conform to performance specifications begins with a theoretical analysis including library research, followed by a comparative analysis of candidate configurations and a determination and trade-off of parameters. The student must implement and test a laboratory model of the entire or part of the design project and must give an oral presentation and demonstration.

Instructor

Mr. Andreas Serghiou

Course Aims and Objectives

The student is expected to use his knowledge in order to propose, design, implement, build, test and report on a previously approved senior design project.

Teaching Methods

The course is self-paced with the guidance of a faculty member.

Course Teaching Hours

The senior design project usually requires two consecutive semesters.

Evaluation and Grading

Continuous Assessment: 60%
Project Report/Presentation: 40%