

Global Learning Semesters

Course Syllabus

Course: EENG-293 Project

Department: Engineering

Host Institution: Intercollege, Nicosia, Cyprus



Course Summary		
Course Code	Course Title	Recommended Credit Hours
EENG-293	Project	3
Semester Offered	Contact Hours	Prerequisites
Please contact us	42-45	Sophomore Standing
Department	Level of Course	Language of Instruction
Engineering	Lower Division	English

Course Description

The student's knowledge is applied to the synthesis of a previously approved design project.

Projects must involve the design and construction of an electronic assembly of moderate complexity. 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 construct and test a laboratory model of the entire or part of the design project, and must give an oral presentation and demonstration.

Prerequisites

Sophomore Standing

Topic Areas

1. Project selection.
2. Feasibility studies.
3. Proposal writing.
4. Design/implementation.
5. Component interconnection and sub-assembly testing.
6. Final testing.
7. Written and oral presentation of the completed project.