Course Title	Senior Project
Course Code	ACOE490
Course Type	Compulsory
Level	Bachelor (1st Cycle)
Year / Semester	4th Year/ 8th Semester
Teacher's Name	Prof Costas Kyriacou
ECTS	6	Lectures / week	0	Laboratories / week	0
Learning Outcomes	1. Integrate and apply the knowledge acquired throughout their undergraduate studies in order to solve computer engineering related problems that can form the basis of a senior level design project. 2. Employ analytical, modelling and experimental methodologies for the implementation of a design project. 3. Use appropriate software and hardware tools to support the implementation and evaluation of a design project. 4. Employ appropriate assessment criteria to validate and evaluate the outcome of a design project. 5. Draw conclusions on the implementation of a design project, and propose areas for improvements and future developments. 6. Produced a structured written report on the work of a design project. 7. Employ a variety of tools and media to present and orally defend the work of a Bachelor's level design project.
Prerequisites	Senior Year Status	Corequisite	
Course Content	To satisfy the requirements of the program, students must successfully complete a Senior Project. This is achieved through a two-semester course sequence (ACOE489 and ACOE490) that students must complete during their senior year (last two semesters of their studies). This is a design project where students are expected to design hardware units, interface them with existing hardware units and develop software to solve problems. It also possible for a student to only develop software or use existing software tools to analyse and evaluate a proposed scheme in the content of Computer Engineering. With the Senior Project (ACOE490) course, students must implement the objectives specified in their project proposal in ACOE489 according to the

	specified planning. By the end of the course, the student must submit to the Department a project report that includes the project objectives and contributions, a literature review on the topic of their project, the methodology used, the and the results achieved. Finally, the students must present their project work to their advisor, the second reader, other faculty members and their classmates.
Teaching Methodology	The Student is expected to use appropriate tools and methodologies for the implementation of the objectives of the Senior Project as approved in the ACOE489 course. The Student is expected to meet regularly with his project Advisor to ensure that the set objectives, methodologies and planning are met.
Bibliography	No specific book is assigned. Students are expected to consult a variety of information sources, including textbooks, manuals and scientific papers.
Assessment	Assessment is based on a Project Proposal report and an oral presentation, and is carried out by the student's Project Advisor (60%) and the Second Reader (40%). Assessment Weights: ➢ Project Report • Literature review of existing knowledge 15% • Design methodology and implementation 15% • Evaluation methodology and Presentation and discussion of results 20% • Overall quality of Project Report 20% ➢ Oral Presentation 30%
Language	English