Course Title	Research Techniques for Thesis Preparation				
Course Code	OG 399				
Course Type	Compulsory				
Level	BSc (Level 1)				
Year / Semester	4th Year / 7th Semester				
Teacher's Name	Dr. George Karagiorgis				
ECTS	6	Lectures / week	3	Laboratories/week	
Course Purpose	The course purpose is for the students to develop the skills needed for the development of a successful final year project. Upon completion of this course the students will be able to apply research and writing techniques, furthermore they will have a better understanding of what their final year project will be.				
Learning Outcomes	**By the end of the course, students must be able to:** 1. Distinguish the research areas and topics of interest of the department 2. Choose a project topic. 3. Clarify the overall requirements of a successful project. 4. Collect information on a topic which will most probably form the foundation of the senior project. 5. Apply the Departmental Style Guide and the information it conveys. Use the Style Guide effectively. 6. Construct a preliminary report based on the literature survey conducted and on the methodology evaluated				
Prerequisites	**None**		Corequisites	**None**	
Course Content	• **Research topics:** The various research topics of the Mechanical engineering department. • **Report Elements:** Plagiarism, referencing, writing style, literature reviewing, content structure, figures and tables and numbering systems • **Report structure:** Components of a report. Te Departmental Style Guide. • **Literature survey:** Disciplines in electrical engineering. Literature survey on a topic, the foundations of a senior project.				

Teaching Methodology	The course is delivered to the students by means of lectures, conducted with the help of computer presentations. Students will be urged to decide upon a topic and find a project supervisor who will remain their supervisor throughout the duration of the senior project as well. Project topics will be available to students to choose from, however, should any student have a specific topic that he would like to study, he is free to propose it to any member of staff with whom he would discuss further details. Examples of previous successful projects will be shown to students. Students will be guided through the procedure for completing a project, will be given tips and be shown various tools for proper and efficient use of MS office programs
Bibliography	1. Writing up your university assignments and research projects: A practical handbook, N. Murrey, G. Hughes, 2008. 2. Carrie Hannigan, Carrie Wells, Carolyn Stevenson, Tanya Peterson, Diane Martinez, "Technical Writing: A Resource for Technical Writers at All Levels", Kaplan Publishing, 2008. 3. Doing Your Early Years Research Project: A Step by Step Guide, G. Roberts-Holmes, Paul Chapman Publishing, 2005
Assessment	• Report 100%
Language	English