UNIVERSITY of NICOSIA

Course Code	Course Title	Credits (ECTS)
ECE-591	Thesis Research	24
Department	**Semester**	**Prerequisites**
Engineering	Fall, Spring	Graduate status
Type of Course	**Field**	**Language of Instruction**
Required	Engineering	English
Level of Course	**Year of Study**	**Lecturer(s)**
2st Cycle	1st and 2nd	Research Supervisor
Mode of Delivery	**Work Placement**	**Co-requisites**
Face-to-face	N/A	None

Objectives of the Course:

The main objectives of the course are to:

- Prepare graduate students organize and develop their idea into a research project
- Create a research environment in which graduate students can be creative and productive
- Explain methods and procedures followed during investigation and research of a technical topic in the field of engineering
- Prepare graduate students become competitive in a demanding technological research world
- Create the required skills and knowledge to effectively perform independent research under guidance and supervision
- Create technical writing skills that allow graduate students to compose their thesis, progress reports, and scientific articles based on engineering guidelines and practices
- Explain techniques and practices followed during technical oral presentations in front of an audience
- Present the Thesis Research orally.

Learning Outcomes:

Upon completion of the course students are expected to:

- Demonstrate independent research abilities under guidance and supervision
- Produce quality research work on advanced engineering topics
- Demonstrate in-depth knowledge and expertise on the topics of research
- Demonstrate technical writing and oral presentation skills
- Write technical progress reports on their research work and a thesis

Course Contents:

Conduct research on an engineering topic under the guidance and supervision of the academic advisor. Research results will be documented in a technical report (Thesis) to be presented in front of the Graduate Committee before graduation.

Learning Activities and Teaching Methods:

Literature review, study of scientific journals and conference proceedings, attendance of seminars and technical talks

Assessment Methods:

Progress reports, thesis, oral presentation, published research work

Required Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
W. Strunk, E. B. White, R. Angell	The Elements of Style	Longman, 4th Edition	1999	978-0205313426
Frank R. Kschichang	Giving a Talk	University of Toronto	2000	Available at http://www.comm.utoronto.ca/frank/guide/guide0.html

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN