

1. Course Number and Course Title:

COE 699 – Master's Thesis

2. Credits Hours:

9 credits

3. Prerequisites and/or Co-Requisites:

Prerequisite: Approval of Program Director

Prerequisite/concurrent: COE 695 Seminar

4. Name and Contact Information of Instructor:

Thesis Advisor(s)

5. Course Description (Catalog Description):

Requires students to complete original research work in the field of study. Requires the thesis to be completed under the supervision of a faculty member serving as thesis advisor, and a final defense to the examining committee.

6. Textbook and other Supplemental Material:

Individualized reference lists

7. Learning Outcomes:

Upon completion of the course, students will be able to:

1. Formulate, manage and carry out a technical investigation leading to innovative solutions
2. Integrate computer engineering principles into a single undertaking
3. Use a thorough focused research methodology that leads to original work
4. Conduct independent research work in an area of expertise
5. Apply research methodology and information generation
6. Disseminate research outcomes for possible publications in an international journal

8. Teaching and Learning Methodologies:

Independent research by the student under the supervision of the Thesis advisor(s).

9. Course Topics and Schedule:

Periodic consultation on a one-to-one basis to discuss progress and deal with content and research methodology issues. Weekly meeting with advisor(s).