

1. Course Number and Course Title:

COE 698 – Professional Project

2. Credits Hours:

3 credits

3. Prerequisites and/or Co-Requisites:

Prerequisite: Approval of Program Director

Prerequisite/concurrent: COE 695 Seminar

4. Name and Contact Information of Instructor:

Project Advisor(s)

5. Course Description (Catalog Description):

Requires an approved professional project on selected area of computer engineering for completion of the MS degree. Includes development of the project concept, investigation of needs, initial data collection and assembly of written and field materials necessary to conduct a professional project, as well as exploration of alternative means to conduct the project. Requires a report and final presentation 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 improvement in current technology/solutions
2. Integrate computer engineering principles into a single undertaking
3. Use a thorough research methodology that leads to enhancement in current technology/methodology
4. Conduct collaborative research work in an area of expertise
5. Apply research methodology and information generation
6. Disseminate project outcomes for possible publications in an international conference

8. Teaching and Learning Methodologies:

Independent work by the student under the supervision of the project advisor(s).

9. Course Topics and Schedule:

Periodic consultation on a one-to-one basis to discuss progress. Weekly meeting with advisor(s).