

A term project shall be done in lieu of a final exam. You shall work with one partner. Scope of projects is expected to be commensurate with a team of 2 persons working at the level of a graduate degree. The project you choose:

- must be of topical interest,
- must relate to computer methods and programming techniques related to EE5240.
- must demonstrate a graduate student level of mastery and application of the related concepts and theories.
- is sufficiently researched and documented, including at least one in-depth analysis and presentation of the concepts of the journal paper that is most related to this work.

Time line and required submissions are as follows, all deliverables contribute to the grade of your term project, totaling ~30% of your course grade.

- Week 6-7: submit short e-mail with idea(s) requesting instructor feedback.
- Week 8 (Friday): submit formal outline of project and list of key references.
- Week 11 (Friday): journal paper analysis and presentation
- Week 12 (Friday): submit updated outline of project and complete reference list.
- Week 13 (Friday): Submit working prototype and rough draft of project report
- Week 14 (Friday): Submit final report/deliverable.
- Finals week: present/demonstrate project during final exam time slot.

Report Outline:

- Title Page
- Executive Summary (not needed for initial draft)
- Team member statement of Technical and non-Technical contributions to project
- Introduction (brief overview of project: problem area, motivation, overview of project)
- Background
 - literature search, most important references
 - Presentation of key concepts connected with project
 - Identification of existing voids or weaknesses, and resulting opportunity
- Proposed Approach
 - Overview of basic idea that you will develop and implement
 - Development and implementation details
- Implementation (may not be complete in draft versions)
- Results (or in draft version the Expected Results)
- Conclusion
- Recommendations for Continued Work
- Reference List (number references [1], [2], etc, in order of first author's last name)
- Appendices as required to document details

Suggested layout:

- Font: 11-pt CG Times w/1.25-1.5 line spacing; or 10-pt comic or ariel w/1.0-1.25 line space
- Page layout: 1" margins, include page numbering