A term project shall be done in lieu of a final exam. The project you choose:

- must be of topical interest,
- must relate to course material of EE5200.
- 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.
- length of body of report: approximately 10 pages of text (not including figures or appendices).

Time line and required submissions are as follows, all deliverables contribute to the grade of your term project, i.e. 15% of your course grade. Approximate schedule is:

- Week 5 (Friday): submit short e-mail with idea(s) requesting instructor feedback.
- Week 7 (Friday): submit formal outline of project and list of key references.
- Week 9: submit updated outline of project and complete reference list.
- Week 11: journal paper analysis and presentation (also counts as mini-lecture)
- Week 12: Submit rough draft of project report
- Week 14: 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)
- Table of Contents (use as “working outline”)
- 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