

EE 299B, Master's Thesis Syllabus

Rev. 2007 NOV 05

Course Description:

This course is the 2nd part of the EE 299A, EE 299B Master's Thesis series, culminating the work for the MSEE degree. You must have completed an approved thesis proposal, on file with the EE Office, by completing EE 299A. EE 299B culminates in the formal Master's Thesis report, and its formal defense.

Units: 3 Grading: CR/NC

Registration Requirements:

Satisfactory completion of EE 299A

Course Requirements:

1. Completion of the Master's Thesis Work

The proposed work should make steady and consistent progress. Regular meetings with the Thesis Committee are required.

2. Thesis Defense

When the thesis has been completed, the student should request his/her Thesis Committee Chair to schedule a defense. The defense is scheduled in the Graduate Seminar class. It is evaluated and approved or rejected by the Thesis Committee. All members of the Thesis Committee must approve the thesis before the student can proceed to the next step. The approval must be recorded on the Master's Project Approval Form that must be submitted to the Thesis advisor with the final Master's Thesis Report, as below.

3. Thesis Report

A detailed Thesis Report must be prepared with guidance from the Thesis Committee and submitted to the Thesis Committee Chair for final approval. The report preparation guidelines are available on the Department's website and requires several drafts. Detailed University Thesis Requirements are outlined in the University Catalog, Graduate and Post Graduate Info. Once completed, final approval of the Thesis by the Thesis Committee must appear both on the Thesis report and also recorded on the Approval Form.

4. Completion of EE299B

The student needs to provide his Thesis Committee Chair: 1. The approved Master's Thesis report with the appropriate scan by TurnItIn.com, and a CD containing the Masters report, 2. the documentation of prior approvals (Approval Form). Simultaneously, the approved Thesis report must be submitted to the University Graduate Studies and Research for University approval. Upon clearance from the University, the Committee Chair will complete the Grade Form and will submit the report, the approval form, and the Grade Form to the Graduate Coordinator before the last day of the semester of completion of all requirements. The final approval will be by the Graduate Coordinator (and/or the Graduate Committee). The Graduate Coordinator will submit the grade to the University through the EE office.

All requirements for EE299 must be completed within three semesters from the time of registration unless a special extension has been obtained from the university.

Graduate Program Outcomes (GPO):

1. Students will be able to base analysis, problem solving and design in their area of concentration in their graduate program.
2. Students will be able to develop deeper understanding of an area of concentration in their graduate program.
3. Students will be able to apply modern tools for computations, simulations, analysis, and design.
4. Students will be able to communicate engineering results effectively.

Course Learning Objectives (CLO):

- a. Ability to implement proposed work for the Master's Thesis; [GPO 2-4]
- b. Ability to present/defend the completed work in the presence of student peers and faculty; [GPO 4]
- c. Ability to understand an area of concentration in their grad program; [GPO 1-3]
- d. Ability to give technical feedback to graduate student peers; [GPO 4]
- e. Ability to document completed work in the Master's Thesis Report;[GPO 4]

Evaluation:

Grading is based on the quality, completeness, and execution of the Master's Thesis, it's defense, and it's report.

Policy on Academic Integrity:

See the SJSU POLICY ON ACADEMIC INTEGRITY
([Http://www2.sjsu.edu/senate/S04-12.pdf](http://www2.sjsu.edu/senate/S04-12.pdf)).

Right to Privacy:

Faculty will not knowingly reveal student's performance, ID, or contact information, except within the limits of University policy.

Student with Disability:

A student with a disability requiring accommodation should see the MSEE Thesis Committee Chair well before an scheduled event. The Committee Chair will make every effort to accommodate student's needs within the norms of the University policy.