

Graduate Program, Electrical Engineering Department, SJSU
EE 297B, Master's Project Syllabus

Course Description:

This course is the 2nd part of the EE 297A, EE 297B Master's Project series, culminating the work for the MSEE degree. You must have completed an approved project proposal, on file with the EE Office, by completing EE 297A. EE 297B culminates in the formal Master's Project report, and its formal defense.

Units: 3 Grading: Letter Grade

Registration Requirements:

Satisfactory completion of EE 297A

Course Requirements:

1. Completion of the Master's Project Work

The proposed work should make steady and consistent progress. Regular meetings with the project advisor and co-advisor are required.

2. Project Defense

When the project has been completed, the student should request his/her advisor to schedule a defense. The defense is scheduled in the Graduate Seminar class. It is evaluated and approved or rejected by the Advisor and/or the Co-Advisor. The approval must be recorded on the Master's Project Approval Form that must be submitted to the Project Advisor with the final Master's Project Report, as below.

3. Project Report

A detailed Project Report must be prepared with guidance from the advisor and the co-advisor and submitted to the advisor and co-advisor for final approval. The report preparation guidelines are available on the Department's website and requires several drafts. Once completed, final approval of the report must appear both on the Master's Project report and also recorded on the Approval Form.

4. Completion of EE297B

The student needs to provide his Advisor: 1. The approved Master's Project report with the appropriate scan by TurnItIn.com, and a CD containing the Master's Project Report, 2. the documentation of prior approvals (Approval Form). The advisor 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 the EE297 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 project; [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 Project Report;[GPO 4]

Evaluation:

Grading is based on the quality, completeness, and execution of the Master's Project, 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 with the limits of University policy.

Student with Disability:

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