

Graduate Program, Electrical Engineering Department, SJSU
MS Thesis (EE299A) Application for Registration
[Rev. 2007 NOV 05]

_____	_____	_____
Date	Semester/Year	Units

Instructions:

1. *Fill out this form completely and get it signed from your Thesis Committee Chair.*
2. *Submit completed form to the EE office for obtaining an add code for registration.*
3. *To avoid late fee make sure to submit form to the EE office at least 3 days before the Add deadline. Late Add fees **will not** be waived.*

Student I.D. _____

_____	_____	_____
Last Name	First Name	M.I.

_____	_____
Phone	E-mail

Core courses completion date: _____

Writing requirement satisfaction date: _____

Thesis
Title: _____

Abstract: _____

Thesis Committee _____ **(Chair)**

Note: You must complete your Thesis Proposal and the Graduate Seminar requirements during the semester you are requesting to enroll in EE299A. Your approved proposal needs to be submitted to the EE office by the end of the semester.

_____	_____
Student's Signatures	Date

_____	_____
Thesis Committee Chair's Signatures	Date

<p>Office Use: Eligibility Verification: _____ Registration Date: _____</p>
--

EE 299A, Master's Thesis Syllabus

[Rev 2007 NOV 05]

Course Description:

This course is the first part of the EE 299A, EE 297B Master's Thesis series, culminating the work for the MSEE degree. An application for registration, writing an approved Master's Thesis Proposal, graduate seminar participation, and proposal presentation are required.

Units: 3 Grading: CR/NC

Registration Requirements:

The requirements to register for EE299A are: Graduate Standing (admission to candidacy for MSEE degree after completing the core courses and satisfying the competency in written English). The application for EE299A registration must be completed. The application requires that you have an advisor who approves the topic for your Master's Thesis. This application for registration is available on the department's website, and after approval by the advisor, must be submitted to the EE Department Office to obtain the add code. The student is required to use the add code to register for the course.

Course Requirements:

1. Graduate Seminar

Students registering for EE299A must complete the graduate seminar requirement by attending the graduate seminar and obtaining instructor's approval. This must be done during the semester the student is registered for the course. The fact that this requirement has been met must be recorded on the Master's Thesis Approval Form which needs to be submitted later with the finalized Master's Thesis Report in EE 299B.

2. Written Master's Thesis Proposal

A proposal, written under the supervision of the Thesis Committee, consisting of three faculty members, must be submitted and presented, (see *3. Thesis Proposal Presentation below*) before the end of the semester in which the student is registered for EE299A. The main advisor from the Thesis Committee will serve as the Committee Chair. (The guidelines for writing the proposal are available on department's website). In general, the proposal should describe the problem being addressed, motivation to consider the problem, the approach that will be taken to solve the problem, and the expected results. The proposal must be approved by the Committee Chair and its members, and submitted to the EE Department Office for review by the Graduate Coordinator and/or the Graduate Committee.

The fact that this requirement has been met must be recorded on the Master's Thesis Approval Form that needs to be submitted with the finalized Master's Thesis Report in EE 299B on completing all the Thesis requirements.

3. Presentation of Master's Thesis Proposal

The Master's Thesis proposal must be presented in class, to student peers, faculty, including your Thesis Committee, during a prescheduled seminar class session, using Power Point. This presentation must have had prior Thesis Committee input and review.

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 formulate a proposal for the Master's Thesis; [GPO 2-4]
- b. Ability to present/defend the proposal 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]

Evaluation:

Grading is based on participation in the Graduate Seminar, the quality and completeness of the proposal, proposal presentation and it's defense during presentation, and the finalized Written Master's Proposal.

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 Thesis Committee Chair well before a scheduled event. The Committee Chair will make every effort to accommodate student's needs within the norms of the University policy.

Graduate Program, Electrical Engineering Department, SJSU
EE 299A/B Master's Thesis Approval Form
[Rev. 2007 NOV 05]

NAME _____ STUDENT ID _____

Instructions:

Keep this form as a record of approvals as you complete various steps of your Master's Thesis. You will be required to submit this form with your final approved project report at the completion of EE299B.

Registration Requirements

Semester of Registration: EE 299A _____ EE 299B _____

Project Title _____

Thesis Committee: _____, _____ (Chair)

_____, _____

_____, _____

Thesis Committee Chair's Approval _____, _____

Seminar Requirements, EE 299A

Seminar Instructor _____

Completion Date _____

Instructor's Approval _____, _____

Proposal Requirements, EE 299A

Completion Date Incl. Presentation _____

Thesis Committee's Approval : _____, _____ (Chair)

_____, _____

_____, _____

Defense Requirements, EE 299B

Completion Date _____

Thesis Committee Approval: _____, _____ (Chair)

_____, _____

_____, _____

Report Requirements, EE 299B

Completion Date incl. www.TurnItIn.com _____

Thesis Committee's Approval _____, _____ (Chair)

_____, _____

_____, _____

Graduate Coordinator's Approval _____, _____

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):

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

Course Learning Objectives (CLO):

- e. Ability to implement proposed work for the Master's Thesis; [GPO 2-4]
- f. Ability to present/defend the completed work in the presence of student peers and faculty; [GPO 4]
- g. Ability to understand an area of concentration in their grad program; [GPO 1-3]
- h. Ability to give technical feedback to graduate student peers; [GPO 4]
- i. 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 a scheduled event. The Committee Chair will make every effort to accommodate student's needs within the norms of the University policy.