

San José State University
Charles W. Davidson College of Engineering
DEPARTMENT OF ELECTRICAL ENGINEERING

EE 298I - Electrical Engineering Internship Experience (Fall 2017)

Course and Contact Information

Instructor:	Prof. Thuy T. Le
Office Location:	E349 (EE Office)
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Email:	Thuy.Le@sjsu.edu
Office Hours:	By appointment (EE website – Faculty Office Hours webpage)
Class Days/Time:	Meet on an as-needed basis and for oral presentation (will be announced on class CANVAS or by email)
Classroom:	E345
Prerequisites:	Graduate standing
Number of Units	1 to 3 units depends on the length of the Internship
Grading Scheme	CR/NC (Credit/No-credit)

Faculty Web Page and MYSJSU Messaging

Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on the Canvas learning management system course website at <http://sjsu.instructure.com>. You are responsible for regularly checking with your official email address (email address stored on your MySJSU account) and the messaging system through your MySJSU at <http://my.sjsu.edu> to learn of any updates from the course instructor.

Course Description

For this course a student is employed in industry as an electrical engineering intern or in an equivalent position. The course supplements and supports student's plan of study and is repeatable.

Course Goals and Objectives

- To provide a student with an opportunity to apply electrical engineering concepts learnt in various courses.
- To provide a student an experience in participating as an electrical engineering professional in an engineering organization.
- To reinforce the importance of keeping engineering record.
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- To enforce the importance of teamwork and professional behavior.
- To enforce the importance of effective oral and written communication.
- To provide the student an opportunity to prepare for professional career as an electrical engineer.

Course Learning Outcomes

To be determined by the student in consultation with the course instructor.

Required Texts and Reading Materials

There is no required textbook or reading materials for EE298I.

Course Requirements and Assignments

- Identify the learning objectives for the internship program as related to student's plan of study.
- Obtain employment in industry as an intern or an equivalent position.
 - You will receive an updated I-20 from ISSS with the name of the company where you will have your internship. You must SUBMIT a copy of the updated I-20 to EE Office (**see submission schedule on the last page of the syllabus**).
- Register for the course through the EE office by completing the "Application for EE 298i" on EE department website at <https://ee.sjsu.edu/content/Graduate%20Forms>
- Fill out and submit Internship information form at ee.sjsu.edu/ee298i (**see submission schedule on the last page of the syllabus**)
- Write an internship report (with learning objectives) detailing assignments and identifying how the learning objectives have been achieved.
- Prepare Power Point presentation slides about our Internship work and perform oral presentation (schedule is on class CANVAS)
- **Submit internship report and presentation slides on class CANVAS (due date is shown on class CANVAS)**

Internship Report

The internship report and presentation slides must be submitted to the course instructor (soft-copies via CANVAS) by the due dates shown on the tentative schedule (last page of this syllabus) and on CANVAS. **Students must use the report cover page available on CANVAS with signature of company's supervisor on it** (by scanning the report cover page). A typical report consists of 6 to 10 pages (depend on the length of the internship and the nature of the work) and includes the following contents.

- Internship Report Cover page
- Your learning objectives (at least 4) for the internship program
- Description of project that you worked on
- Relation between your internship work and your courses
- Conclusion.

Grading Information

Since this is an academic course, grade is not based just on working in industry but on the components relating the internship experience for achieving the learning objectives in support of student's plan of study. The overall course grades will be calculated based on the weights of components listed below. **In order to receive course credit (grade CR), students must achieve at least 70% total**

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- Your learning objectives (at least 4) for the internship program (in the report) 10%
- Description of project that you worked on (in the report) 40%
- Relation between your internship work and your courses (in the report) 20%
- Overall Internship report 10%
- Presentation and presentation slides 20%

Note:

1. You must submit **updated I-20 and Internship information form** or you will receive NC grade for the class
2. **If you failed the class (NC grade), the department will NOT recommend your next CPT/OPT request**

University Policies

Office of Graduate and Undergraduate Programs **maintains university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc.**” You may find all syllabus related University Policies and resources information listed on GUP’s [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>

Tentative Course Schedule

Tentative schedule will be updated after the semester started

Assignment	Due Date
Fill out and submit Internship information form at ee.sjsu.edu/ee298i	At the time of submission of EE 298i form
Submit updated I-20	Before the first day of your Internship
Submit Internship report and presentation slides on CANVAS (under the "Assignment" on class CANVAS)	(Shown on class CANVAS)
Meet the Internship instructor for oral presentation (under the "Assignment" on class CANVAS)	(Shown on class CANVAS)