

**University of California, Merced
SCHOOL OF ENGINEERING
COURSE SYLLABUS**

**ENGR 191, PROFESSIONAL SEMINAR
Fall 2017**

Day/Time/Place:	Thursday, 6:00 - 6:50 p.m., SSB 170
Instructor:	Mark R. Matsumoto, Science and Engineering 2, Room 315
Office Hours:	Thursday, 4:00 – 5:00 p.m., or by appointment
Final Exam:	Wednesday, December 13, 2017, 11:30a – 2:30p (if needed)
Suggested Readings and	<i>Studying Engineering</i> , 4 th edition, Landis, R.B, Discovery Press, 2013.
Other Resources:	The “Education” section at Engineering.com The “Young Engineers” link under “Magazine” at EngineeringJobs.com <i>Engineering Your Own Success: 7 Key Elements to Creating an Extraordinary Engineering Career</i> , Fasano, A., Premier Publishing, 2011.
Grading distribution:	Assignments..... 50%
Pass/Fail only	Attendance 50%

To receive a passing grade, students must:

1. Attend a minimum of 12 seminar sessions in person.
2. Complete and submit all assignments. Eighty (80) percent of all assignment must be turned in on time, which is within one week after being assigned. The remainder can be turned any time up until the last seminar session.

Course Content: Seminars and exercises focused on preparation for the professional engineering practice and future career advancements.

Learning Outcome Goals:

1. Understand what it means to be an engineering professional and expectations in that role.
2. Insights into the relevance of professional registration.
3. Reinforcement of professional responsibility and conduct.
4. Understand what qualities engineering employers seek in prospective employees.
5. Overview and understanding of the job search process.

ABET Course Information Summary

Course Title: Professional Seminar	Math & Science: No
Course Number: ENGR 191	Engineering Topics: Yes
Course Category: Major course - required	Design Content: No
Prerequisites: Engineering major	Other: No
Catalog Description: Current: Presentation and discussion of professional engineering practices. Professional ethics and the roles and responsibilities of public institutions and private organizations pertaining to engineering. Future: Seminars and exercises focused on preparation for the professional engineering practice and future career advancements.	Units: 4 Lecture: 3 hrs/wk Laboratory: 0 hrs/wk Discussion: 1 hrs/wk Consultation: 0 hrs/wk Other: 0 hrs/wk

Expected Outcomes:

6. Understand what it means to be an engineering professional and expectations in that role.
7. Insights into the relevance of professional registration.
8. Reinforcement of professional responsibility and conduct.
9. Understand what qualities engineering employers seek in prospective employees.
10. Overview and understanding of the job search process.

Date first prepared:	7/17
Prepared by:	Mark Matsumoto
Date of last revision:	
Revised by:	