Contact Information

Instructor: Prof. Vitaliy Lomakin
• Office: EBU 1, room 3201
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• Office hours: Tue & Thu 12:30-1:30pm

TA: Iana Volvach
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Course webpage: http://cem.ucsd.edu/~vitaliy/courses/ece107/
Textbook & Reference Books

Text Book:


References:

Exams & Homework

- Midterm: Thu, Nov 8, 11am-12:20pm (tentative), WLH 2205
- Final exam: Wed, Dec 12, 11:30am-2:29pm, TBD
- Weekly homework

Basis for grade:

- Homework 15%
- Project 5%
- Midterm 35%
- Final exam 45%
- TOTAL 100%
About Homework (HW)

- HW assignments are given each Thursday and are due on the following Thursday. 7 best homework assignments are counted for the grade (out of 9 or 10). No late homework will be accepted.
- Write down only relevant equations.
- BOX your final answers.
- Simplify your results as much as possible.
Checklist

• Start studying from the first day!
• Solve all homework assignments
• Attend lectures
• Attend discussion sessions
• Use the office hours
Layout

- Introduction
- Transmission Lines
- Vector analysis
- Maxwell’s equations
- Electrostatics
- Magnetostatics
- Dynamic fields
- Plane wave propagation
- Electromagnetic waves at boundaries
- Radiation