

Course Schedule

<u>Chapters:</u>	<u>Lectures</u>
1. Review of vectors & coordinate systems	1.5
2. Coulomb's law, superposition	2
3. Gauss's law	2
4. Energy and potential	1.5
5. Current and conductors	1.5
6. Dielectrics and capacitance	2
7. Poisson's and Laplace's equations	0.5
8. Magneto-statics	3.5
9. Magnetic materials and inductance	2
10. Time-varying fields and Maxwell's equations	1
12. Uniform plane wave	3
13. Plane wave reflection from planar boundaries	2
11. Transmission lines	3.5

Homework Policies:

- Homework will usually be assigned on Thursday and due at the beginning of class the following Thursday.
- **No late homework will be accepted. No excuses.**
- Solution will be posted on Blackboard.
- Show relevant steps and circle your final answer.
- You must do your own work. Copying other people's work or letting others copy your work is considered as scholastics dishonesty and will not be tolerated under any circumstances.

Evening Problem Solving Sessions:

- The course TA, Mr. Kai Liu, will give weekly problem solving sessions on Monday and Wednesday, 6:30 – 8:00 pm in ENS 115.
- Sessions are optional, but you are highly encouraged to attend.

Exams:

- There will be 2 in-class exams and 1 comprehensive final.
Tentative Test Dates: Test 1 10/7 (in class)
 Test 2 11/18 (in class)
 Final 12/11 (Thurs. 9-12 noon)
- You are expected to be present for every test. No make-up exams will be given.
- Additional office hours will be scheduled before each exam.
- Cheating will be dealt with in as severe a manner as possible. The minimum penalty for cheating is an 'F' in EE325.

To be successful in the course, you should:

- Attend my lectures.
- Try hard on the homework on your own, and ask questions during my office hours or the TA's office hours.
- Attend the evening problem solving sessions.
- Test preparation: Attend test reviews and make sure you know how to work the homework problems.