

EECS 210

Fall 2006
Tu, Th 12:30-2
400 Cory

Applied Electromagnetic Theory

Office Hours
M, (W), 11AM
Tu, Th, (F) 10AM

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Project Presentation Grading Scheme Graded on 20 point basis Counts 15% of Grade.

I. Communication (6 points)

a. Preparation of Powerpoint (up to 3 points)

Materials: Systematic organization of material. Clarity in graphically depicting concepts. Listing references and summarizing content.

b. Presentation to Class (up to 3 points)

Oral Presentation: Efficient presentation of a new topic, making concepts interesting, holding class attention, use of good English.

II. Discovery of Literature Set (6 points)

a. Concepts and Techniques from Literature (up to 3 points)

Evidence of looking broadly and yet focusing on a key topic with content of value to class. Identifying, categorizing and annotating ideas in literature set in relationship to class material. Value to fellow students.

b. Assessment of Scientific and Engineering Potential (up to 3 points)

Demonstrating reasonable judgment of the big picture view of the scientific content and the engineering applicability of material in the literature set. Value to fellow students.

III. In-Depth Understanding (Maximum 8 points)

In-depth consideration of extensions of the method or application on your own. Identifying key steps and modifications and their tractability. Understanding the method or application sufficiently deep to extend it. Making back of the envelope quantitative estimates as sanity checks of the explanations in the key reference. (Test Vector: Act as a manuscript reviewer to provide feedback to the authors on uniqueness, significance and extensions of their work.)

a. Formulation and Mathematical Analysis (up to 5 points)

b. Physical Insight (up to 5 points)