

Syllabus Electromagnetics I Phy 424

Instructor: Joseph Schechter, room315, X 5968

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Class meetings: Tues, Thurs 12:30 – 1:50, room 106 Physics building

Office hours: to be scheduled at first class meeting

Text: D. Griffiths, “Introduction to Electrodynamics”, third edition

Course description: First 7 chapters of text-> Vector analysis, Electrostatics, math. techniques for electrostatics, Electric fields in matter, Magnetostatics, Magnetic fields in matter, Maxwell’s equations and time dependent fields.

Grading: Participation, homework and some short quizzes will be considered.