Physics 604 - Classical Electrodynamics I  
Dr. Ian Balitsky, Fall 2019

1. Information:
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2. Textbook:

3. Reference Textbooks:
   • D.J. Griffiths - Introduction to Electrodynamics, 3rd ed.
   • W. Greiner - Classical Electrodynamics.

4. Grade (out of 100%):
   • Homework: 34%
   • Midterm 1: 16%
   • Midterm 2: 16%
   • Final (comprehensive): 34%

5. Outline of the course:
   • Introduction to Electrostatics
   • Boundary-Value Problems in Electrostatics
   • Boundary-Value Problems in Curvilinear Coordinates
   • Multipoles and the Electrostatics of Macroscopic Media
   • Magnetostatics