Location / Time: Neckers 410 / MWF 2:00 – 2:50 pm
Instructor: Saikat Talapatra
Office: Neckers 474
Tel: (618)-453-2270
E-mail: stalapatra@physics.siu.edu
Office Hours: TR 12:00 pm – 3:00 pm or by appointment

Text Book: Introduction to Electrodynamics, (Third Edition)
by David. J. Griffiths.

Course Description: We will try to cover, in parts, chapter 6 – chapter 12 of Griffiths.

This will include the following topics:
- Magnetic Fields in Matter
- Electrodynamics (Electromagnetic Force, Electromagnetic Induction
  Maxwell’s Equations)
- Conservation Laws
- Electromagnetic Waves
- Potential and Fields
- Radiation
- Electrodynamics and Relativity

Grading:

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<tr>
<th>Component</th>
<th>Percentage</th>
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<td>Homeworks</td>
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<td>B 75% - 84%</td>
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