EE 330/330L – Energy Systems

Instructor  office  phone
Scott Rausch  EP318  605-394-1220

Section  Time  Room
M001  02:00-02:50p MWF  EP254
M051  09:00-10:50a Th  EP341
M052  12:00-01:50p Th  EP341
M053  02:00-03:50p Th  EP341

Lab Assistant / TA
TBD

Prerequisites: EE 221

Catalog Description: Production, transmission, and utilization of energy in systems with major electrical subsystems, with particular emphasis on electromagnetic and electromechanical systems and devices.

Additional Information:
1. The PSpice and Matlab software tools will be used for some of the homework problems.
2. Lecture notes for a class will be available on the department network ("F drive") at 6:00pm on the day prior to the lecture. Students may want to bring a paper copy of the notes to class to facilitate note-taking.


Attendance: Required. Notify the instructor ahead of time if you will be absent from class.

ADA Statement: Students with special needs or requiring special accommodations should contact the instructor and/or the campus ADA coordinator, Jolie McCoy, at 394-1924 at the earliest opportunity.

Freedom in Learning Statement: Students are responsible for learning the content of any course of study in which they are enrolled. Under Board of Regents and University policy, student academic performance shall be evaluated solely on an academic basis and students should be free to take reasoned exception to the data or views offered in any course of study. Students who believe that an academic evaluation is unrelated to academic standards but is related instead to judgment of their personal opinion or conduct should contact the dean of the college which offers the class to initiate a review of the evaluation.

Use of Electronic Devices in Class: Professionalism and courtesy is requested. Do not disrupt class by having your cell phone ring. Do not use your laptop computer to check email or for internet browsing during class.

Grading (approx):

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<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>4 Hour Exams</td>
<td>40%</td>
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<tr>
<td>Quizzes</td>
<td>15%</td>
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<tr>
<td>Homework</td>
<td>15%</td>
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<tr>
<td>Laboratory</td>
<td>15%</td>
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<tr>
<td>Final Exam</td>
<td>15%</td>
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<tr>
<td>Total</td>
<td>100%</td>
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Policies:
- Make-up quizzes or exams will not be given. Please make arrangements with the instructor ahead of time for planned absences.
- Late homework will be assessed a 20% penalty.
- Late laboratory reports will be assessed a 20% penalty.
- All homework and labs must be submitted in order to obtain a grade higher than "C".

Exam Schedule: See class webpage and in-class handouts for assignment and exam schedule.

Final Exam: Per university calendar

Office Hours: Posted