Instructor: Fahmida S. Tulip (ftulip@utk.edu)
Office hours: MW 2pm – 3 pm (MK 505)
Teaching Assistant: Quan Huan (qyuan1@utk.edu)
Classes will meet at MK 404 from 3:35 pm to 4:25 pm on MWF.
Course website: http://web.eecs.utk.edu/courses/fall2013/ece202/

Textbook and Other Supplemental Material:
  • Laboratory Manual
  • Notes posted on course website

Grading:

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<th>Percentage</th>
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<tbody>
<tr>
<td>Midtem Exams</td>
<td>40%</td>
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<tr>
<td>Final</td>
<td>25%</td>
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<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Quizzes</td>
<td>5%</td>
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<tr>
<td>Laboratory</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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Grading Scale:
A (> 90%), A- (88 to 89%), B+ (85 to 87%), B (80 to 84%), B- (78 to 79%), C+ (75 to 77%), C (70 to 74%), C- (68 to 69%), D+ (65 to 67%), D (60 to 64%), D- (58-59%), F (< 58%).

Topics covered:
Operational amplifiers, average, complex, imaginary and real power; effective values of voltage and currents, three phase circuits, delta and wye connections. Complex frequency; sinusoidal forcing functions and natural response. Resonance: general case, special cases in series and parallel circuits. Scaling: magnitude and frequency. Mutual inductance, transformers as circuit elements; linear and ideal transformers. Admittance, impedance and hybrid parameters. Trigonometric and complex Fourier series.
Includes laboratory exercises.

(RE) Prerequisite(s): 201.

Guidelines:
Academic Dishonesty Will NOT be tolerated and NO WARNINGS will be given. It is the responsibility of the student to review UT policy and procedures in this area since they will be strictly adhered to. Cheating will result in an F in the course, and possible university sanctions.
Cell phones, texting, should be turned off during class.
All HW will be stapled and neatly done, with all the work shown. The grader or instructor reserves the right to not grade unacceptable HW.
Students will come to class on time and will not leave early, unless prior arrangements have been made,
Quizzes without names will not be accepted.
Using a laptop or other portable electronic devices for reasons other than class use will not be tolerated.
Students having to miss a class when HW is due can hand in the HW early.
Because at least 1 of the lowest quiz grades will be dropped, there will be no make-up quizzes for any reason. Therefore, students should attend every class, so that in the event of an emergency, or something else unexpected, and have to miss a class when a quiz was given, it will not adversely affect their grade.