Course Philosophy

• Tuum Est
• Office hours
  – Open door
  – Wed/Fri after class
• Emails
  – Answered in person
  – Good questions answered in class
• Website
  – Schedule is weekly
  – ece.ubc.ca/~leos
• Homework
  – Lots of problems
  – For practice
Dr. Leo J. Stocco, BASc, PhD, PEng

EECE 251 Syllabus - Fall 2013

Circuit Analysis I

<table>
<thead>
<tr>
<th>Lectures</th>
<th>Mon</th>
<th>CHEM D300</th>
<th>2-4 pm</th>
<th>103</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed / Fri</td>
<td>MCLD 228</td>
<td>9-10 am</td>
<td>103</td>
<td></td>
</tr>
<tr>
<td>Alternating Labs</td>
<td>Wed</td>
<td>MCLD 322</td>
<td>2-4 pm</td>
<td>L1F</td>
</tr>
<tr>
<td>Thurs</td>
<td>MCLD 322</td>
<td>1-3 pm</td>
<td>L1E</td>
<td></td>
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</tbody>
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Required Text

- Irwin / Nelms: Basic Engineering Circuit Analysis 10th edition
- Sedra / Smith: Microelectronic Circuits Any edition

T/A

Contact Info

Grading

- Midterm: 2 x 20% = 40%
- Final: 50%
- Labs: 5 x 2% = 10%

<table>
<thead>
<tr>
<th>Week</th>
<th>Day</th>
<th>Handouts</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Mon</td>
<td>Labour Day - University Closed</td>
<td></td>
</tr>
<tr>
<td>Wed</td>
<td></td>
<td>Intro to ECE 251 &amp; Review (Voltage, Current, Power)</td>
<td></td>
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<tr>
<td>Fri</td>
<td></td>
<td>Ideal Sources &amp; Resistors</td>
<td></td>
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<tr>
<td>#2</td>
<td>Mon</td>
<td>Ohm's Law</td>
<td></td>
</tr>
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</table>
Lectures

• On time
• No PowerPoint
  – Take your own notes
• Prohibited
  – Laptops (tablet ok)
  – Cell phones
  – Video cameras

• Attendance mandatory
• You are assumed to have attended class
  – Texts are reference only
  – Ask classmates to catch up on what you miss
Labs

- **Groups**
  - Work alone or in pairs
  - Both students get same mark
  - 10 min late = 0 for lab (indiv)
- **Lecture = Lab Prep**
  - Hand in before leaving
  - Get as far as you can
  - Explain difficulties
- **Bring**
  - Printout of Lab Assignment
  - Course notes
  - Calculator
  - NO food / drinks (water)

- **10% of final grade**
  - 5 labs x 2% per lab
  - Doing anything but lab
    - -1%
    - Phone / text
    - Eat / drink
    - Internet
    - No warning
- **Lab 0**
  - No marks
  - Power supply
  - Multi-meter
  - Signal generator
  - Scope
Tests

• Midterms
  – 2 x 20% = 40%
  – Everything up to date
    • Increasingly harder
  – Optional
    • No MD notes required
  – No bathroom breaks
    • Medical condition
      – MD note in advance
    • Leave room = done

• Final
  – 50% / 70% / 90%
  – Comprehensive
  – Must pass
    • UBC policy: >= 50%
    • 49.9% = 49%
Tests

• Allowed
  – Prog Calculator
    • HP recommended
    • Sharp ok
    • 1 hand-written page

• Prohibited
  – Drinks
  – Electronic Devices
    • Must leave exam if phone RINGS (and not return)

• Marking
  – No part marks
  – Must show work
    • 3 significant digits
    • Illegible = WRONG
    • Units REQUIRED

• Scaling
  – Top student gets 100%
  – Bad midterms forgiven