Electronics (1) Laboratory (EELE 2120) Syllabus

Laboratory Experiments:

The lab will cover the following experiments:
1. DC characteristics of Diodes
2. Half wave and full wave rectification
3. DC power supply
4. Clipper, Clamper and Doubler
5. Zener diodes and Zener regulators
6. Transistor Characteristics
7. Common Emitter Amplifier
8. Common Base Amplifier
9. Common collector Amplifier
10. FET Transistor
11. Transistor Applications As simple Inverter

Objectives:

- This course aims to give a practical view on your theoretical subject.
- To get to know the characteristics of Diodes and its various applications.
- To be familiar with Zener diodes and its regulators.
- To be familiar with Transistor characteristics and its applications.

References:


Grades:

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<th>Grade</th>
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<tbody>
<tr>
<td>Practical Exam</td>
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<tr>
<td>Midterm Exam</td>
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<td>Final Exam</td>
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<td>Reports</td>
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Lab Policy

- Reports should be done individually and no late reports will be accepted
- Attendance is required for all lab experiments.
- Avoid copy-paste Technology
- Midterm Exam will be at the end of Lab(5)