Course Number and Name
BEE101 - BASIC ELECTRICAL AND ELECTRONICS ENGINEERING

Credits and Contact Hours
2 & 30

Course Coordinator’s Name
Ms Sheryl

Text Books and References

TEXT BOOKS:

REFERENCES:

Course Description
To understand the laws of electrical engineering.

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<thead>
<tr>
<th>Prerequisites</th>
<th>Co-requisites</th>
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<tr>
<td>+2 Physics, +2 Maths</td>
<td>Engineering physics I required, elective, or selected elective (as per Table 5-1)</td>
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Course Outcomes (COs)

CO1: Students will gain knowledge regarding the various laws and principles associated with electrical systems.

CO2: Students will gain knowledge regarding electrical machines and apply them for practical problems.

CO3: Students will gain knowledge regarding various types’ semiconductors.

CO4: Student will gain knowledge digital electronics.

CO5: Student will gain knowledge on electronic systems.

CO6: Students will acquire knowledge in using the concepts in the field of electrical engg. Projects and research.

Student Outcomes (SOs) from Criterion 3 covered by this Course

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<th>COs/SOs</th>
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