## Course Objectives and Outcomes

1. **Course code and title:**
   - EE3001 Engineering Electromagnetics

2. **Number of AUs:**
   - 4

3. **Course type:**
   - Core

4. **Course schedule:**
   - Lecture: 3 hours/week for 13 weeks
   - Tutorial: 1 hour/week for 12 weeks

5. **Course assessment:**
   - Lab: 10%
   - Quiz: 20%
   - Exam: 70%

6. **Course co-requisites:**
   - EE2007. Students should have prior knowledge of basic vector and complex number algebra

7. **Course description:**
   - This course will equip students with a good understanding of the fundamental principles underlying the theory of electromagnetic fields and waves. On completion of this course, students should have the ability to apply the theory to solve engineering problems.

8. **Textbook(s):**

9. **Reference Book(s):**

### Level of course contribution to Learning Outcomes

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<thead>
<tr>
<th>COURSE CODE AND TITLE</th>
<th>STUDENT LEARNING OUTCOME</th>
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<tbody>
<tr>
<td>EE3001 ENGINEERING ELECTROMAGNETICS</td>
<td>a</td>
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**Legend**
- ● Fully consistent (contributes to more than 75% of the SLO)
- ○ Partially consistent (contributes to about 50% of the SLO)
- ○ Weakly consistent (contributes to about 25% of the SLO)
- Blank Not related to the SLO