# COURSE DETAIL

| ELECTRONMAGNETICS |
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| **Country**<br>Korea, South |
| **Host Institution**<br>Korea Advanced Institute of Science and Technology (KAIST) |
| **Program(s)**<br>Korea Advanced Institute of Science and Technology, KAIST |
| **UCEAP Course Level**<br>Lower Division |
| **UCEAP Subject Area(s)**<br>Electrical Engineering |
| **UCEAP Course Number**<br>36 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>ELECTRONMAGNETICS |
| **UCEAP Transcript Title**<br>ELECTRONMAGNETICS |
| **UCEAP Quarter Units**<br>4.50 |
| **UCEAP Semester Units**<br>3.00 |

**Course Description**

This course covers basic electromagnetic theory. The course discusses electrostatics, magnetostatics, electrodyanmics, and electromagnetic waves. Textbook: Elements of Electromagnetics 6th Edition, by G.P. Matthew N. O. Sadiku (Oxford University Press, 2015)

**Language(s) of Instruction**
English

**Host Institution Course Number**
EE20004,EE204

**Host Institution Course Title**
ELECTRONMAGNETICS

**Host Institution Course Details**
https://ee.kaist.ac.kr/en/node/13080/

**Host Institution Campus**

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**

**Course Last Reviewed**
2025-2026

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