

# COURSE DETAIL

## ELECTRONMAGNETICS

**Country**

Korea, South

**Host Institution**

Korea Advanced Institute of Science and Technology (KAIST)

**Program(s)**

Korea Advanced Institute of Science and Technology, KAIST

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Electrical Engineering

**UCEAP Course Number**

36

**UCEAP Course Suffix****UCEAP Official Title**

ELECTRONMAGNETICS

**UCEAP Transcript Title**

ELECTRONMAGNETICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course covers basic electromagnetic theory. The course discusses electrostatics, magnetostatics, electrodynamic, 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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