

COURSE DETAIL

CIRCUITS AND SYSTEMS FOR WIRELESS COMMUNICATION

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering Computer Science

UCEAP Course Number

172

UCEAP Course Suffix**UCEAP Official Title**

CIRCUITS AND SYSTEMS FOR WIRELESS COMMUNICATION

UCEAP Transcript Title

CIRC & WIRELESS COM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides general knowledge in radio frequency applications, especially those which are common in radio communications. The fundamentals are introduced without penetrating the electronics or design details. The different parts are treated as functional blocks defined by their physical properties. This gives a basic understanding of the radio receiver or the cellular phone but also the requirements put on the used circuits. Thus, this is a compulsory course for those who later want to specialize as radio frequency designers.

Language(s) of Instruction

English

Host Institution Course Number

EITF51

Host Institution Course Title

CIRCUITS AND SYSTEMS FOR WIRELESS COMMUNICATION

Host Institution Course Details

https://kurser.lth.se/lot/course-syllabus-en/25_26/EITF51

Host Institution Campus

Lund

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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