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

Print