

COURSE DETAIL

DIGITAL COMMUNICATIONS

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

151

UCEAP Course Suffix**UCEAP Official Title**

DIGITAL COMMUNICATIONS

UCEAP Transcript Title

DIGITAL COMM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

An overview is given of a general communication link consisting of the three parts: transmitter, communication channel, and receiver. Examples of digital communication methods are introduced for realistic bit rates and noise levels. Some of the following applications are considered in the course: Mobile digital telephony (3G, EDGE, GSM), WLAN, modem, ADSL, digital TV, Bluetooth, navigation (GPS), surveillance systems.

Language(s) of Instruction

English

Host Institution Course Number

EITG05

Host Institution Course Title

DIGITAL COMMUNICATIONS

Host Institution Course Details

<https://kurser.lth.se/lot/course/EITG05>

Host Institution Campus

Lund

Host Institution Faculty

Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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