COURSE DETAIL

SIGNAL PROCESSING: DESIGN AND IMPLEMENTATION

Country
Sweden

Host Institution
Lund University

Program(s)
Lund University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Electrical Engineering

UCEAP Course Number
141

UCEAP Course Suffix

UCEAP Official Title
SIGNAL PROCESSING: DESIGN AND IMPLEMENTATION

UCEAP Transcript Title
SIGNL PROCESS DESGN

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

The course provides solutions to problems in signal processing where design of filters, filter banks, and fast algorithms are in demand. The course presents the fundamentals of wavelets and points to different applications where wavelet analysis is a powerful tool. The student should obtain sufficient insights on theory and application to independently formulate the mathematical problem, to solve it, and to implement the solution for processing of real signals.

Language(s) of Instruction

English

Host Institution Course Number

ETIF10

Host Institution Course Title

SIGNAL PROCESSING - DESIGN AND IMPLEMENTATION

Host Institution Course Details

Host Institution Campus

Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department

Engineering- Biomedical Engineering

Course Last Reviewed

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