COURSE DETAIL

AN INTRODUCTION TO WIRELESS SYSTEMS
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 129
UCEAP Course Suffix
UCEAP Official Title AN INTRODUCTION TO WIRELESS SYSTEMS
UCEAP Transcript Title WIRELESS SYSTEMS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
The course provides a broad general knowledge in high frequency applications, especially those used 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 rather than their electronic properties. This not only provides a basic understanding of the radio receiver or the cellular phone but also the requirements placed on the used circuits. Advanced measurements are carried out with spectrum analyzer and vector network analyzer in laboratory experiments to study selected building blocks.

Language(s) of Instruction
English

Host Institution Course Number
EITF50

Host Institution Course Title
AN INTRODUCTION TO WIRELESS SYSTEMS

Host Institution Course Details

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering- Electrical and Information Technology

Course Last Reviewed

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