



# IK254U Ericsson Radio School

## 4.5 credits

Ericsson radioskolan

This is a translation of the Swedish, legally binding, course syllabus.

### Establishment

Course syllabus for IK254U valid from Spring 2022

### Grading scale

P, F

### Education cycle

Second cycle

### Main field of study

Electrical Engineering

### Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

### Intended learning outcomes

The aim of this course is to increase Ericsson's engineers skills in the radio area to facilitate efficient work, individually and in teams, with technical development that maintains Ericsson's industrial leadership.

On completion of the course, the participants should be able to

- explain the principles of wireless communication
- use professional skills in the design of passive and active microwave components
- explain the design of radio transmitters and receivers.

## Course contents

Radio system technology and radio electronics.

## Examination

- INL1 - Assignment, 1.5 credits, grading scale: P, F
- SEM1 - Seminar, 3.0 credits, grading scale: P, F

## Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.