

Course number: EIW 41130 Object-oriented Programming Study Level: Bachelor /

Undergraduate

Prof. Dr. Burkhard Lehner Language of Instruction: English

**ECTS Credits: 5** 

## **Objectives:**

The aim of this course is to enable students to develop interactive, object-oriented software in the domain of electrical engineering. After having completed this course, students should know the basic concepts of software development.

## **Contents:**

This course combines lectures, tutorials and project work in the field of object-oriented programming. The major topics covered include:

- Object-oriented programming
- Event-driven and interactive programs
- Hardware interfaces
- Software development techniques

## **Assessment:**

Assessment of this course is based on a final written examination.