

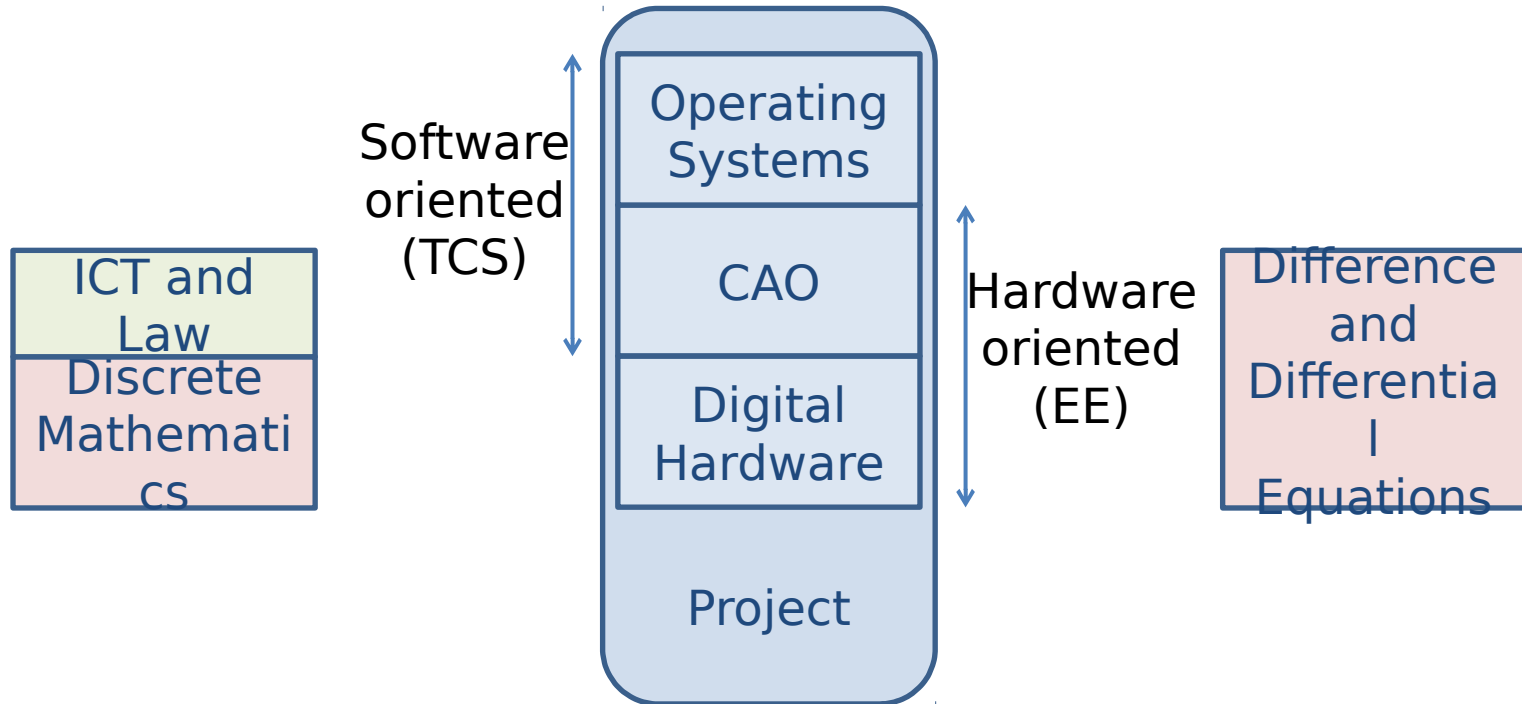
# Module Computer Systems

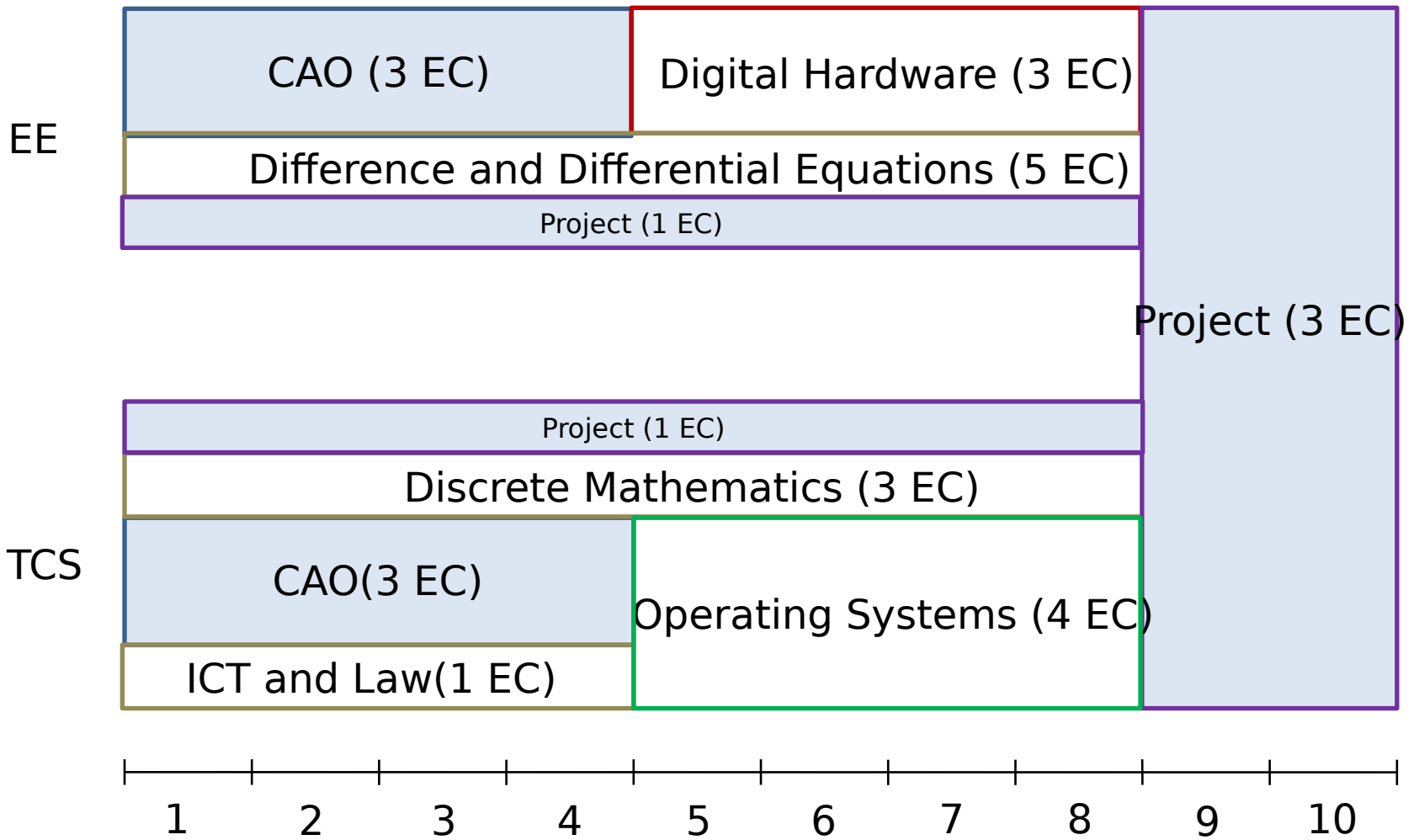
For EE and CS

# Introduction

- Module for Electrical Engineering and Technical Computer Science
- 2nd year bachelor
- Common parts and EE, TCS specific parts

# Overall structure





# Key Subjects

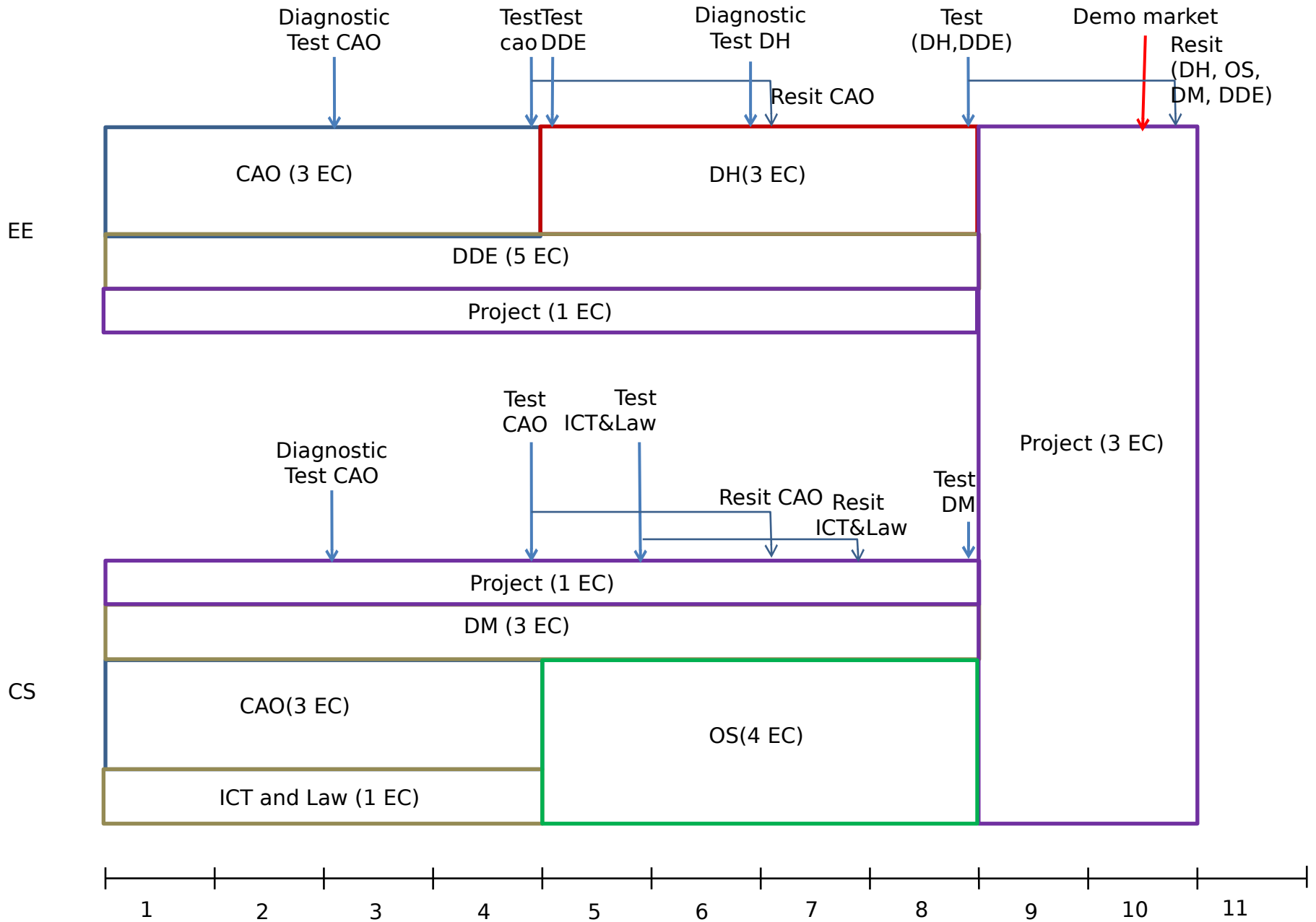
- CAO: Structure of processors and surrounding elements including low level software aspects
- OS: Generic operating system concepts
- DH: Realisation of a Digital System
- ICT and Law: basic introduction into legal aspects of ICT
- DDE: systems of linear equations
- DM: Discrete Mathematics

# Key Subjects

- All labs and project related activities are mandatory.

# Project

- Integrating technical subjects of the module
- Theme: interdisciplinary cooperation
- Groups of 6 students, CS, EE and other students
- Group composition at random, done by lecturers, available in week 6



# Timetable

- $\pm$  40 hours per week are planned according to the division of ECs
- Hours planned as 'self study unsupervised'
  - Preparing for lectures
  - Doing assignments
- Groups:
  - Project
  - Discrete Mathematics
  - ICT and Law
  - For other parts: Group definition in time table not relevant

# Module CS

- Course information: available on Canvas
  - Contents of the Module
  - Global Planning
  - Deadlines
  - Testing scheme and grading
  - Course Material

# Module evaluation

- Panel: mixture of CS, EE and 'other' students
- Two discussions (weeks 4 and 8) will be planned.
- Interested? send an e-mail to

[a.b.j.kokkeler@utwente.nl](mailto:a.b.j.kokkeler@utwente.nl)

# Module in parts

- Those that only follow a part of the Module, send an e-mail to

[a.b.j.kokkeler@utwente.nl](mailto:a.b.j.kokkeler@utwente.nl)

- Indicate which part you follow
- Questions? After this lecture.

# First Lecture

- General lecture on Computer Architecture and -Organization by Hans Scholten.