

Course Syllabi

CODE 110

NAME Computer Technology

Credits 6 ECTS

Period Spring Semester

Course Specifications

The course follows an active learning methodology where students work in varying teams, solve exercises, and upload and present the solutions in class. We work with several features in the CV system such as tasks, workshops and fora.

Objectives and contents

Go into the wonderful world of the computer processor. The student designs processors based on Boolean logic and observes its functioning based on code we feed it. We get a feeling for the language the processor understands based on creating assembly code. The design follows the new RISC-V conventions.

Assessment

The English of the student is promoted due to interacting in the team work and discussions and presentations. The assessment of the course is done in a continuous way by providing 7 small tests evaluating each part after it is finished. Moreover, handed in assignments in the GUAC system are assessed. Those assignments are directly used in the individual evaluations.

Lecturer

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