

Course Syllabi

CODE 103

NAME Introduction to Programming

Credits 6 ECTS

Period Fall Semester

Course Specifications

Learning computer programming. Most of the hard work in this course will be done in front of a computer. The theoretical background and concepts are not complex and are previously discussed beforehand in the classes.

Objectives and contents

The main objective is to acquire correct programming skills. A general programming language is used. References are made to other languages and techniques. The focus is on acquiring skills in algorithmic construction and code organisation. An understanding of the underlying concepts of computer science and a light approach to its formal basis will provide the necessary background.

Contents:

1. Computer science and programming
2. Introduction to a programming language
3. Procedural abstraction
4. Structured data types

Assessment

Class attendance is compulsory. Apart from the unavoidable final exam, there will be at least two mid-term exams. Each practical, homework exercise, class activity and participation in forums and mid-term exams will be part of a continuous assessment.

Lecturer

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