

CSC 4170

Theory of Computation

Introduction

Sections 0.1-0.4



What is this course about?

Subject:

- The fundamental mathematical properties of computers (hardware, software and certain applications).

Questions:

- What does computation mean?
- What can be computed and what can not?
- How quickly?
- With how much memory?
- On which type of machines?

Why do you need this course?

- To be able to call yourself an educated person
- To expand your mind and abilities
- To acquire conceptual tools for solving practical problems
- To get a diploma