



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Introduction To Computer Science (blended)

1920-1-E4101B003

Learning objectives

The course will introduce some concepts about the architecture of computers, hardware, software, operating systems, and software development. The course will focus on building scripts to solve problems related to dataset management. On completion of this course, students will be able to solve problems using a programming language and computing tools.

Contents

- Information elaboration
- Hardware/Software
- Software lifecycle
- Operating Systems
- Programming languages
- Variables, Conditional Instructions, Loops
- Complex Data Structures
- Files

- Functions and Procedures

Detailed program

Prerequisites

None

Teaching methods

Assessment methods

Textbooks and Reading Materials

Semester

Teaching language

Italian
