COURSE DETAIL

INTRODUCTION TO PROGRAMMING
Country Netherlands
Host Institution Maastricht University – University College Maastricht
Program(s) University College Maastricht
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 10
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO PROGRAMMING
UCEAP Transcript Title INTRO PROGRAMMING
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course is an intensive introduction to programming in Java that assumes no prior programming experience. It explores all aspects of modern programming by means of lectures and hands-on practical lab sessions. The course starts with the basics of computer science and computer programming. After a short introduction to computer organization, the principles of structured programming in Java are presented. The main topics covered are data types and variables, methods, conditional statements, loops, and recursion. Finally, the course introduces the object-oriented features of Java and their usage for program design. All these concepts have to be understood both from their theoretical perspective and their practical applications.

Language(s) of Instruction
English

Host Institution Course Number
SCI2011

Host Institution Course Title
INTRODUCTION TO PROGRAMMING

Host Institution Course Details
https://www.maastrichtuniversity.nl/meta/96407/introduction-programming

Host Institution Campus
Maastricht University

Host Institution Faculty
University College Maastricht

Host Institution Degree

Host Institution Department
Sciences

Course Last Reviewed

2022-2023

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