COURSE DETAIL

OBJECT-ORIENTED PROGRAMMING IN JAVA
Country Germany
Host Institution Technical University Berlin
Program(s) Technical University Berlin
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 140
UCEAP Course Suffix
UCEAP Official Title OBJECT-ORIENTED PROGRAMMING IN JAVA
UCEAP Transcript Title OBJ-ORNTD PRGM JAVA
UCEAP Quarter Units 5.50
UCEAP Semester Units 3.70

Course Description

This course introduces students to modern programming techniques using the Java programming language as an example. The use of object-oriented concepts enables students to quickly work on complex tasks independently. In the practical exercises, students also learn how to use a development environment and a version management system (git) while programming. The programming language used is Java. -Java basics: * Data types, variables, operators, static methods / functions - Object orientation: * Classes and objects * Polymorphism with interfaces * Generics * Implementation inheritance - Java Collections - Error handling - Input / Output - GUI if necessary.

Language(s) of Instruction
German

Host Institution Course Number
50139

Host Institution Course Title
OBJEKTORIENTIERTES PROGRAMMIEREN IN DEN INGENIEURWISSENSCHAFTEN MIT JAVA

Host Institution Course Details
https://moseskonto.tu-berlin.de/moses/modultransfersystem/bolognamodule/beschre...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Institut für Land- und Seeverkehr

Course Last Reviewed
2023-2024

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