Systems Programming

Start date: 27/01/2020, End date: 30/06/2020
Platform: Open edX at UC3M (SPOC)

Universidad Carlos III Madrid

COURSE SYNOPSIS

Domain: Engineering
Title(s) of the course(s) as it appears on the platform: Systems Programming
Language (ISO-639-1 code): en
Short description of the course: Learn to program with Java in an easy and interactive way!
Instructor(s): Carlos Delgado Kloos, Carlos Alario Hoyos
Level: BA1
ECTS: 6.0
Workload in student hours: 150.0
Semester: 1: jan-june

Full course description: Programming knowledge is not only useful for programming today’s devices such as computers and smartphones, it also opens doors to the valuable skill of computational thinking, i.e. the application of computing techniques to every-day processes. The goal of this course is for the student to deepen their knowledge in programming techniques, including advanced object orientation, as well as some of the more fundamental data structures and algorithms. The programming language of the course is Java, although the acquired knowledge can be applied to other programming languages as well. Emphasis is put on immediate feedback and on having a fun experience.

Prerequisites: Basic knowledge on programming (at least one course). Knowledge of the imperative part of Java desirable. Complementary materials will be provided to catch up.

Link to course on platform: https://spoc.uc3m.es/courses/course-v1:IT+IT.2b+2019_20_T2/about
Link to course in University studyplan: https://aplicaciones.uc3m.es/cpa/generaFicha?est=252&asig=15370&idioma=2

Course registration opening date: 09/09/2019
Course registration deadline: 13/01/2020
Course withdraw date: -
Midterm: No
Midterm details: -
Exam period start: 14/05/2020
Exam period end: 29/05/2020
Exam date: -
Exam timing: Synchronous (exam needs to take place at the same date and time everywhere)
Exam start time: -
Exam end time: -
Time zone (at the time of the exam, DST): UTC+1
Exam registration date: -
Exam resit available: Yes
Exam resit period start: 15/06/2020
Exam resit period end: 30/06/2020
Exam resit date: -
Exam resit time start: -
Exam resit time end: -
Time zone (at the time of the resit of the exam, DST): UTC+1
Final exam type: Written
Final exam details: -
Exam requirements for home university (computer, VOIP, recording materials): -
Cap (maximum number of exchange students): 35.0
Offered to which partners: -, All partners of the Alliance(s) selected above
Link to course image: https://drive.google.com/open?id=1sCukPNBc_kAxbjJuWqCmlIF6oi7gK-E