Virtual Exchange Program

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

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 withraw 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

Offered to which partners: -, All partners of the Alliance(s) selected above

Link to course image: https://drive.google.com/open?id=1sCukPNBc_kAxbJJuWgCmlIF6oi7qK-E_