Virtual Exchange Program

Mobile devices programming

Start date: 10/02/2020, End date: 30/05/2020
Platform: personal webpage

Sorbonne University

COURSE SYNOPSIS

Domain: Engineering
Title(s) of the course(s) as it appears on the platform: Mobile devices programming
Language (ISO-639-1 code): en

Short description of the course: This course aims at providing the major concepts of mobile device programming. It focuses on both iOS and Android and presents: the principles, the involved languages (when new) and the use of dedicated sensors.

Instructor(s): Fabrice Kordon and Etienne Renault

Level: MA2
ECTS: 6.0
Workload in student hours: 150.0
Semester: 1: jan-june

Full course description: The objective of this course is to address the programming of mobile devices and show the possibilities they offer for developing new usages and applications. The course focuses on iOS first to illustrate the main challenges of such programming. Then, it shows how these mechanisms are implemented in Android (what is common and the different concepts). This course also puts some emphasis on practice by proposing each week, to apply the presented concepts by means of the development of mobile applications.

Prerequisites: -


Link to course in University studyplan: http://www.telesciences.upmc.fr/fr/european-virtual-exchange/spocs-available-at-sorbonne-university.html

Course registration opening date: 06/01/2020
Course registration deadline: 17/02/2020

Course withdraw date: -
Midterm: -
Midterm details: -
Exam period start: 11/06/2019
Exam period end: 18/06/2019
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
Exam registration date: -
Exam resit available: Yes
Exam resit period start: 01/09/2019
Exam resit period end: 15/09/2019
Exam resit date: -
Exam resit time start: -
Exam resit time end: -

Time zone (at the time of the resit of the exam, DST): UTC
Final exam type: on computer

Final exam details: -
Exam requirements for home university (computer, VOIP, recording materials): computer

Cap (maximum number of exchange students): 30.0
Offered to which partners: -, All partners of the Alliance(s) selected above

Link to course image: https://drive.google.com/open?id=1h9vpVY_LdtdY7ccjFK8STFvzYlGPnsIk