Universitat de Lleida

DEGREE CURRICULUM
PROGRAMMING AND COMMUNICATIONS III

Academic year 2014-15

Subject's general information

Subject name	PROGRAMMING AND COMMUNICATIONS III
Code	102135
Semester	2nd Q Continuous Assessment
Typology	Optional
ECTS credits	6
Groups	1
Theoretical credits	0
Practical credits	0
Office and hour of attention	Make an appointment by e-mail. Office 1.07 of the EPS.
Department	Computer Science and Industrial Engineering
Modality	Presencial
Important information on data processing	Consult this link for more information.
Language	English
Degree	Degree in Automation and Industrial Electronic Engineering
Office and hour of attention	Make an appointment by e-mail. Office 1.07 of the EPS.
E-mail addresses	santi@diei.udl.cat

Martínez Rodríguez, Santi

Learning objectives

To program mobile apps making use of web services that allow them to carry out, for example, home automation applications.

Competences

Specific

Basic knowledge of the use and programming of computers, operating systems, databases and computer programs with applications in engineering.

Applied knowledge of industrial computing and communications.

Knowledge of the basics of the applications and computer systems.

General

To have the skills required to undertake new studies or improve the training with self-direction.

Capacity for unidisciplinary and multidisciplinary teamwork.

Strategic of the University

Command of a foreign language.

Mastering ICT's.

Subject contents

Programming Android apps by using MIT App Inventor 2.

Programming in the Java language.

Others.

Methodology

Lectures.

Development of tasks and small projects.

Evaluation

Continuous assessment, by means of tasks and small projects.

Bibliography

Documentation and examples in the virtual campus.

http://appinventor.mit.edu/explore/get-started

http://appinventor.mit.edu/explore/ai2/tutorials

https://docs.oracle.com/javase/8/docs/

https://docs.oracle.com/javase/tutorial/

https://docs.oracle.com/javase/8/docs/api/

Google.