

## Foundations of internet of things

Academic Year: ( 2022 / 2023 )

Review date: 16-06-2022

Department assigned to the subject: Computer Science and Engineering Department

Coordinating teacher: MORENO LOPEZ, LOURDES

Type: Compulsory ECTS Credits : 6.0

Year : 5 Semester : 2

## DESCRIPTION OF CONTENTS: PROGRAMME

- IoT Systems Architecture
- Sensors and Actuators
- Embedded Operating Systems for IoT devices
- Fundamentals of programming IoT Devices
- IoT Edge to Cloud Protocols
- Microservices for IoT Devices Cloud Management
- Packaging and deployment of microservices for IoT

% end-of-term-examination:	60
% of continuous assessment (assignments, laboratory, practicals...):	40