

Academic Year: (2018 / 2019)

Review date: 11-04-2018

Department assigned to the subject: Telematic Engineering Department

Coordinating teacher:

Type: Electives ECTS Credits : 6.0

Year : 4 Semester :

DESCRIPTION OF CONTENTS: PROGRAMME

1. Introduction
 - Economic impact
 - Caches
2. Content distribution networks
3. Data storage in the network
4. Datacenters
 - Introduction
 - Virtualization in datacenters
 - Architecture
 - Communications
 - Storage
5. Internet of Things
 - Introduction
 - Reference models: ITU-T, IoT world forum, ETSI M2M
 - Main protocols for IoT applications
 - Industry standards and use cases

% end-of-term-examination: 60

% of continuous assessment (assignments, laboratory, practicals...): 40