

Academic Year: (2019 / 2020)

Review date: 06-05-2020

Department assigned to the subject: Economics Department

Coordinating teacher: ESCRIBANO SAEZ, ALVARO

Type: Compulsory ECTS Credits : 6.0

Year : 2 Semester : 2

OBJECTIVES

Students become familiar with the characteristics of the Telecommunications Sector, supply and demand. They will be able to raise the common problems in the regulation of the Telecommunications, and recognize the problems of Enterprises decisions within the sector. Develop an ability to apply the techniques and tools of economic analysis to the study the Telecommunications sector, and prepare reports and documents on the evaluation of real projects analysis.

DESCRIPTION OF CONTENTS: PROGRAMME

Program

Introduction: Basic Concepts and Overview

Topic 1. The ICT scenario in the EU from an economic perspective.

Topic 2. Introduction to Telecommunication Networks: Productivity, ICT and Firms Investment Climate.

Economics Aspects in the Telecommunication Industry

Topic 1: Fixed Voice Communications.

Topic 2: Financial Aspects.

Topic 3: Broadband Communications.

Topic 4: Mobile Communications.

Internet Economics and Digital Economy

Topic 1: Internet.

Topic 2: Marketing and Communications Networks.

Topic 3: Social Networks and Communications.

Topic 4: Dynamic Sectors in the Digital Economy: Case Studies.

The Institutional Framework

Topic 1: Regulatory Aspects of the EU.

Topic 2: Competition Policy.

Topic 3: The Demand Side, Universal Service and Consumer Protection.

Topic 4: Critical Sectors: Privacy and Security of Service.

Concluding Aspects: Round Table

Challenges Operators (sustainability of infrastructure and contents), Consumers Governance.

Digital

LEARNING ACTIVITIES AND METHODOLOGY

Theoretical lessons

Problem solving and case study in the classroom

Individual and group work to solve problems, simulations and case study

Presentation of individual and group work

Visits to leading centers in the sector

Tests

ASSESSMENT SYSTEM

The course evaluation is continuous through tests, exercises, and class participation. Multiple choice tests will be carried out by students at the end of each of the three parts of the program.

% end-of-term-examination:	0
% of continuous assessment (assignments, laboratory, practicals...):	100