Course guides
13189 - PATPHOT - Patents in Photonics

Unit in charge: Barcelona School of Telecommunications Engineering
Teaching unit: 731 - OO - Department of Optics and Optometry.
Degree: MASTER'S DEGREE IN PHOTONICS (Syllabus 2009). (Optional subject).
ERASMUS MUNDUS MASTER'S DEGREE IN PHOTONICS ENGINEERING, NANOPHOTONICS AND BIOPHOTONICS (Syllabus 2010). (Optional subject).

Academic year: 2015   ECTS Credits: 2.5   Languages: English

LECTURER
Coordinating lecturer: Carles Puente

TEACHING METHODOLOGY
Presencial Teaching + activities

LEARNING OBJECTIVES OF THE SUBJECT
This course is directed to train engineers and scientists who are interested on the practical use of photonics technology in the development of photonic inventions and innovation. The course uses patents as the raw material for understanding how scientific and technical concepts might be translated into real-life industrial applications. Students will become familiar in handling, reading and understanding patent documents in different areas in the photonics field, will learn how to generally interpret the scope of protection of a patent and finally how to design a patent to protect a technology from both the US and the EU perspectives. Fundamental concepts on the effective use of patents in business will be also discussed through several examples of companies that have effectively used patents to leverage a successful technology based business.

CONTENTS

(ENG) - Patents in Business

(ENG) - Introduction to patents

(ENG) - Structure and scope of protection of a patent

(ENG) - Introduction to patent engineering

(ENG) - The US and the EPO patent systems
GRADING SYSTEM

EXAMINATION RULES.

The usual in University teaching