



Universidad
Politécnica
de Cartagena | Campus
de Excelencia
Internacional

Research Protection: How to file a patent?

Protección de la Investigación: ¿cómo depositar una patente?

Transversal Activities of Doctorate

Universidad Politécnica de Cartagena

1. General course information					
Name	Research Protection: How to file a patent? (Protección de la Investigación: ¿cómo depositar una patente?)				
Level	Doctorate				
Code	300001007				
University	Universidad Politécnica de Cartagena				
Language	Español				
ECTS	1	hours / ECTS	10	Total hours	30

2. Lecture data			
Lecturer in charge	Francisco S. Hernández Mata (Doctor en Química)		
Department/Service	Unidad de Investigación y Transferencia Tecnológica		
Knowledge area	Química Inorgánica		
Office location	Rectorado. UITT-Sección de Transferencia Tecnológica.		
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Office hours	From 9:00 to 14:00 during Monday to Friday		

3. Course objectives
<p>The main objective of this course is helping students to protect their research work when their results are innovative and could be commercialized or used in the industry.</p> <p>Specific objectives of the course are:</p> <ul style="list-style-type: none"> • providing students with the knowledge of distinguishing what is industrial property and the different types of industrial property such as industrial design, brands, patents and utility models and semiconductors topographies. • Developing in students the ability to know the technical state in the field of a patent by means of search websites • developing in students the ability to file a patent. <p>enabling students to read patents in a critical way.</p>

4. Theory programme

1. Industrial Property in Spain and Europe (1h)

Unit 1. What is industrial property? Types of industrial properties in Spain and Europe.
When is it necessary to file a patent?

2. Useful websites for studying current state of the art of patents (2h)

Unit 2. Spanish website: www.oepm.es

Unit 3. European and international websites: <http://www.epo.org/>,
<http://worldwide.espacenet.com/>, www.google.com/patents, www.uspto.gov,
etcétera

3 How to write a patent document : examples (2h)

Unit 4. Parts of patent documents and indications for properly writing a patent draft

5. Practical programme

1. Practical work: filing a hypothetical patent (20h)

Practice 1. Carrying out a technical review of the filed patents in the area of interest (10h)

Practice 2. Draft document for a hypothetical patent (10 h)

Evaluation will be carried out taking into account these two works.

6. Hours distribution

Activity	Location	Student work	Hours
Theory programme	Virtual	Attend class	0
		Homework: study of the theory contents	10
Practice (1 and 2)	Computer room or home	Attend class	0
		Homework:	18
Tutoring	Virtual	Virtual	2
			30