



Universidad  
Politécnica  
de Cartagena | Campus  
de Excelencia  
Internacional

# **Research & Innovation Management**

**Transversal Activities of Doctorate**

**Universidad Politécnica de Cartagena**

**Academic year: 2016-2017**

1. General course information					
<b>Name</b>	Research & Innovation Management				
<b>Level</b>	Doctorate				
<b>Code</b>	300001006				
<b>University</b>	Universidad Politécnica de Cartagena				
<b>Language</b>	English				
<b>ECTS</b>	<b>1</b>	<b>hours / ECTS</b>	<b>10</b>	<b>Total hours</b>	<b>30</b>

2. Lecture data		
<b>Lecturer in charge</b>	Fernando Cerdán Cartagena	
<b>Department</b>	Information Technologies and Communications	
<b>Knowledge area</b>	Ingeniería Telemática / Telematics engineering	
<b>Office location</b>	Plaza del Hospital 1, TIC Department, First floor, Desk 15	
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<b>Office hours</b>		

3. Course objectives
<p>The R &amp; D is a key success factor for organizations. The objective of this course is to guide students in the development, implementation and maintenance of a systematic framework for managing R &amp; D in any organization. A system of this kind enables organizations to be more innovative and to promote the success of its innovation in products, services, processes, organizational designs and business models, thereby contributing to the improvement of its results, its value and competitiveness .</p> <p>It will also be studied to establish the requirements for the completion of the transfer of technology from R &amp; D + i required for the development of these, including the identification of the assets to be transferred, the determination of fair value and formalize the transfer. It is applicable to the transfer, in any of its forms (eg assignment, license, consulting, lodging, etc.), essentially intangible assets (eg patents, utility models, industrial designs, drawings, formulas, software, know-how, prototypes, biological material, etc.), among other actors, whether public or private.</p>

4. Theory programme
<ol style="list-style-type: none"> <li>1) Introduction to the Management of Technology and Innovation.</li> <li>2) Technology watch.</li> </ol>

- 3) Technology transfer and protection of industrial property
- 4) Financing Innovation

## 5. Practical programme

Case study: Parts of R&D+i project.

## 6. Hours distribution

Activity	Location	Student work	Hours
Theory programme	Class room	Attend class	8
		Homework: study of the theory contents	10
Practice	Computer room	Attend class	1.5
		Homework: identification of relevant items to a specific field of case study	10
Tutoring	Virtual	Interactivity with classmates and lecturer	0.5
			<b>30</b>