



Universidad
Politécnica
de Cartagena

Campus
de Excelencia
Internacional

Research & Innovation Management Gestión de la Investigación y la Innovación

Transversal Activities of Doctorate

Universidad Politécnica de Cartagena

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

2. Lecture data			
Lecturer in charge	Fernando Cerdán Cartagena		
Department	Information Technologies and Communications		
Knowledge area	Ingeniería Telemática / Telematics engineering		
Office location	Plaza del Hospital 1, TIC Department, First floor, Desk 15		
Telephone	968325368	Fax	
email	Fernando.cerdan@upct.es		
URL / WEB	http://www.tic.upct.es/fernando.cerdan/		
Office hours			

3. Course objectives
<p>The R & 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 & 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 & 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"> 1) Introduction to the Management of Technology and Innovation. 2) Technology watch.

- 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	Virtual	Study of the theory contents	8
		Homework: Fill in questionnaire	10
Practice	Virtual	Study of the practice contents	1.5
		Homework: identification of relevant items to a specific field of case study	10
Tutoring	Virtual	Interactivity with classmates and lecturer	0.5
			30