

1. Key Information		
Module Code: 13600	Module Title: Innovation management	
Credit Points: 6	Module Status: Core	Module Block: Business and management
Course Title: BSc in Engineering and Management		Module Block: Innovation and new projects

2. Lecturer:	Jaime Nácher Mestre	Tutorial Hours:	Thursday & Friday, from 16:45 until 17:45. Request by email.
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3. Bibliography:	
Ten types of innovation: the discipline of building breakthroughs	<i>Larry Keeley, Helen Walters, Ryan Pikkell, Brian Quinn</i>
La competitividad de las regiones españolas ante la economía del conocimiento	Ernest Reig Martínez, Francisco Pérez García, Javier Quesada Ibáñez, Lorenzo Serrano Martínez, Carlos Albert Pérez, Eva Benages Candau, Juan Pérez Ballester, Jimena Salamanca Gonzáles
How to manage the innovation	Enric Barba Ibañez
La gestión de la innovación y la tecnología en las organizaciones	Antonio Hidalgo Nuchera; Gonzalo León Serrano; Julián Pavón Morote
R+D+i management: R+D+i management system requirements.	UNE 166002 Standard, May 2014
R+D+i management: Monitoring and intelligence system	UNE 166006 Standard, May 2018
Innovation and Entrepreneurship boardofinnovation.com	John Bessant and Joe Tidd
innovation-management.org	
gv.com/sprint; designsprintkit.withgoogle.com	

4. General overview of the module
The course aims to train students in concepts, variables and indicators for proper innovation management in small sectors and global environments, to be applied in the form of business strategies that combine product and process innovation for competitive improvement.

5. Recommended prior knowledge
It is recommended to pass the following subjects: "Business", "Customer needs" and "Creativity and development of new products and services". This fact will undoubtedly facilitate adequate progress in learning the subject.

6. Module objectives – Learning outcomes
Competences
02 – To use the technological and economical techniques, abilities, and tools used in the professional practice related to the engineering and Management.
04 – To learn how to analyze elements that are crucial in the business decision-making.
CB2 - Know how to apply the students knowledge to their work or vocation in a professional manner and possess the skills that are usually demonstrated by developing and defending arguments and solving problems within their area of study.
05 - Designing innovation management strategies by applying the appropriate techniques, models and tools
08 - Knowing how to manage projects, understanding the organizational structure and functions of a company.
12 - Manage the information of a company using the appropriate technology and systems
15 - Apply basic knowledge of computer programming, operating systems, databases and information systems in the company

7. Teaching and learning units
Units
1- Innovation & management
2- Innovation for the organization
3- Technological Innovation
4- Innovation Strategies
5- R+D+i Cycle. Product Innovation Management
6- Networks & Communities

7-	The other side of the R+D: Learning from others. Innovation Values Capture
8-	R+D+i funded calls
9-	Technological surveillance & Competitive intelligence

8. Teaching and learning methods

Unit	Theory (Classroom)	Practical (Classroom)	Practical (Laboratory)	Practical (Classroom)	Practical (ICT)	Self-guided study	TOTAL HOURS
1	4	4				12	20
2	2	6				12	20
3	4	4				12	20
4	4	4				12	20
5	2	4				10	14
6	2	6				12	20
7	4	4				12	20
8	1	1				11	15
9	2	2				12	16
TOTAL HOURS	25	35				105	165

9. Assessment

Overview	Nº Acts	(%)
Continuous Assessment		60
Academical Tasks	4-6	60
Written exam	1	40

The student evaluation will consist of both continuous and summative assessments:

Continuous Assessment: This part consists of the submission of practical work either carried out individually or in groups together active participation in activities and tasks such as analysis, conclusion and discussion of reading, business visits and/or assistance and participation in class.

The absence at the activities and tasks automatically implies the absence of evaluation. This part has a weight of 60% of the final mark.

Written exams: This type of assessment combines both theoretical and practical content. This part has a weight of 40% of the final mark.

Important

Continuous assessment is attendance based and non-recoverable. Therefore, the mark obtained for this part of the assessment will serve for both the first summative assessment and any subsequent repeat, if required. The repeat will only be available at the end of the semester. In order to pass the module an average of 5 (or more) in summative tests must be obtained. The final mark will be calculated by the average weightings of the assessment. The final mark achieved must be 5 or above to pass the module.

Attendance is compulsory to ensure that you extract the most value from the module and meet the learning requirements. Therefore, session absence accounting for more than 15% of the prescribed hours will result in the inability to be awarded a mark for continuous assessment. Consequently, the maximum mark that can be achieved will be that obtained solely from the summative assessments. Students enrolling in the module for the second time will receive specific instructions from their lecturer on what is required for them to pass the continuous assessment element. The final mark will be obtained by combining the summative assessment (80%) and the continuous assessment (20%), having to gain a final mark equal to or greater than 5 to pass the module.

It is forbidden the use of cellular, laptop and tablet for an inappropriate use not related with the content and tasks of the class.