

310505 - Process and Projects Management.Pmi

Coordinating unit:	310 - EPSEB - Barcelona School of Building Construction		
Teaching unit:	753 - TA - Department of Architectural Technology		
Academic year:	2019		
Degree:	MASTER'S DEGREE IN BUILDING CONSTRUCTION MANAGEMENT (Syllabus 2015). (Teaching unit Compulsory)		
ECTS credits:	5	Teaching languages:	Catalan, Spanish

Teaching staff

Coordinator:	Jordana Riba, Francisco
Others:	Rubinat Masot, Montserrat Gaspar Fàbregas, Kàtia

Degree competences to which the subject contributes

Basic:

CB8. The students must be able to integrate knowledges and front to the complexity to formulate opinions from an information which, being incomplete or limited, includes reflections about the social and ethical responsibilities linked to the application of their knowledges and opinions.

Specific:

CE03MUGE. Manage strategic and infrastructure planning and programming and apply to the management, planning and control of operations.

CE12MUGE. Apply management models suitable for edification processes

Generical:

CG2MUGE. Manage projects in the field of construction.

Transversal:

01 EIN. ENTREPRENEURSHIP AND INNOVATION: Knowing about and understanding how businesses are run and the sciences that govern their activity. Having the ability to understand labor laws and how planning, industrial and marketing strategies, quality and profits relate to each other.

05 TEQ. TEAMWORK. Being able to work as a team player, either as a member or as a leader. Contributing to projects pragmatically and responsibly, by reaching commitments in accordance to the resources that are available.

Teaching methodology

Master class.
Expository participative class.
Practices.

Learning objectives of the subject

At the end of the subject the students must be able to:

- . Manage complex projects in the construction process.
- . Know the management systematic for projects by means of PMI models.
- . Acquire the ability to organise the activities which contain a project.

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Study load

Total learning time: 125h	Hours large group:	17h 30m	14.00%
	Hours medium group:	5h	4.00%
	Hours small group:	5h	4.00%
	Guided activities:	7h 30m	6.00%
	Self study:	90h	72.00%

310505 - Process and Projects Management.Pmi

Content

<p>title english</p>	<p>Learning time: 16h Theory classes: 2h Laboratory classes: 1h Guided activities: 1h Self study : 12h</p>
<p>Description: Introduction to the processes and the projects.</p> <p>Related activities: Activity 1.</p> <p>Specific objectives: Introductory topic of the subject.</p>	
<p>TEMA 2. LA GESTIÓN POR PROCESOS</p>	<p>Learning time: 34h Theory classes: 4h Laboratory classes: 3h Guided activities: 3h Self study : 24h</p>
<p>Description: Typologies and tools of management and control of processes.</p> <p>Related activities: Activity 2.</p> <p>Specific objectives: Understand and apply the management of processes in a society. Establish the form of control of processes.</p>	

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<p>title english</p>	<p>Learning time: 75h Theory classes: 9h Laboratory classes: 6h Guided activities: 6h Self study : 54h</p>
<p>Description: Groups of processes. Integration of the project. Range of the project. Schedule of the project. Quality of the project. Parts interested in the project. Closing of the project.</p> <p>Related activities: Activity 3.</p> <p>Specific objectives: Understand the basic principles of the project's management according to the Project Management Institute model.</p>	

Qualification system

Theoretical exam: 40%

Activities: 60%

- Activity 1: 20%
- Activity 2: 20%
- Activity 3: 20%

Bibliography

Basic:

Pardo Álvarez, José Manuel. Configuración y uso un mapa de procesos. Madrid: Aenor, 2012. ISBN 978-84-8143-796-6.

Guía de los fundamentos para la dirección de proyectos : (Guía del PMBOK). 5ª ed. Newtown Square, Pennsylvania: Project Management Institute, cop. 2013. ISBN 978-1-62825-009-1.

Complementary:

Horine, Greg. Manual imprescindible de gestión de proyectos. Madrid: Anaya Multimedia, cop. 2010. ISBN 9788441526075.