



## IDENTIFYING DATA

### A2 Lifecycle and Project Standards

Subject	A2 Lifecycle and Project Standards			
Code	P02M009V02202			
Study programme	(*)Máster Universitario en Dirección Integrada de Proxectos. Especialidade: Lección e Deporte			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3.5	Mandatory	1st	An
Teaching language	Spanish			
Department				
Coordinator	Cancela Carral, José María			
Lecturers	Cancela Carral, José María García García, Óscar			
E-mail	chemacc@uvigo.es			
Web	<a href="http://www.mdip.es">http://www.mdip.es</a>			
General description	Analysis of the phases of the life cycle of projects and standards that support			

## Competencies

Code	
A2	That the students can apply their knowledge and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary ) contexts related to their field of study .
A3	That students are able to integrate knowledge and handle complexity and formulate judgments based on information that was incomplete or limited, include reflecting on social and ethical responsibilities linked to the application of their knowledge and judgments.
A4	Students can communicate their conclusions , and the knowledge and rationale underpinning these , to specialized and non-specialized public in a clear and unambiguous .
C3	Ability to organize and plan the different phases of a project
C6	Mastering the procedures necessary to carry out the management and resolution of problems within the scope of the Project Manager.
C7	Domain of critical and reflective analysis of methodological options presented in the field of Project Manager, to substantiate their own decisions .
C11	Ability to apply knowledge to the professional field in which it operates the Project Manager.
C13	Ability to manage getting results according to quality criteria and customer

## Learning outcomes

Expected results from this subject	Training and Learning Results
Be able to develop skills of leadership, interpersonal relation and work in team.	A2 C7
Be able to identify and apply the phases that compose the cycle of life of a project.	A2 A3 C3 C13
Be able to identify the fundamental characteristics of the cycle of life of the project.	A2 A3 C11

Be able to identify and select the model of cycle of life more adapted for each project type.	A2 C11 C13
Be able to use properly the cycles of life of the project and of the product, differentiating both processes when it correspond.	A3 C3 C6 C11
Be able to identify the norms that govern the direction of projects.	A2 A4 C7
Be able to know and apply the foundations that *sustentan the integrated direction of projects.	A2 C3 C6 C7
Be able to develop skills for the adaptation to new situations and resolution of problems, and for him autonomous learning.	A4 C13

## Contents

Topic	
Chapter I. What is the life cycle of a project?	Life Cycle
Chapter II. Features stages of a project.	Features Lifecycle
Chapter III. Model life cycle of a project.	Life Cycle Models
Chapter IV. Project life cycle and product life cycle.	Life Cycle : Project vs Product
Chapter V. Case Studies: Montreal 76 Olympics, American's Cup 2007.	Case Studies
Chapter VI. Processes and procedures: What makes them different?	Process vs Procedures
Chapter VII. The areas of knowledge within a project.	The areas of knowledge in DIP methodology
Chapter VIII. The phases of project development	The development of a project: Its phases
Chapter IX. The flowcharts . Its importance and representativeness.	the flowcharts
Chapter X. The processes of initiation.	The processes of initiation
Chapter XI. Planning processes .	Planning processes
Chapter XII. Execution processes .	Execution Processes
Chapter XIII. Processes Monitoring and Control.	Processes Monitoring and Control
Chapter XIV. Closing processes .	Closing Processes

## Planning

	Class hours	Hours outside the classroom	Total hours
Case studies / analysis of situations	4	8	12
Autonomous troubleshooting and / or exercises	0	12.5	12.5
Master Session	17	34	51
Multiple choice tests	2	0	2
Jobs and projects	0	10	10

\*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

## Methodologies

	Description
Case studies / analysis of situations	Formulation, analysis, discussion and resolution of problems or related to the life cycle of a project and the rules governing the exercise.
Autonomous troubleshooting and / or exercises	Identify different groups of processes and procedures following the methodology of integrated project management as well as the timing of the project life cycle.
Master Session	Oral presentation master class with audiovisual support for the contents of the object field of study, theoretical and / or guidelines of work, exercise or project to be developed by the student.

## Personalized attention

Tests	Description
Jobs and projects	The student will receive individual attention in tutoring schedule. The tutoring schedule is available at the web master: <a href="http://www.mdip.es">www.mdip.es</a> .

<b>Assessment</b>				
	Description	Qualification	Training and Learning Results	
Multiple choice tests	It consists of 20 questions and only answer to all the content taught in the course.	30	A2 A3 A4	C3 C6
Jobs and projects	Lifecycle approach and the rules governing the processes needed to carry out a project proposed by the student or teacher.	70	A2 A3 A4	C7 C11 C13

### **Other comments on the Evaluation**

### **Sources of information**

García García, O. y Serrano Gómez, V. (2009). El ciclo de vida del proyecto. Del proyecto al producto. A Coruña: Master Oficial Interuniversitario en dirección integrada de proyectos.

Kerzner, H. (2008). *Project Management: A Systems Approach to Planning, Scheduling, and Controlling*. Malden: John Wiley & Sons.

Nokes, S., Greenwood, A., Major, I. & Goodman, M. (2007). *La guía definitiva de la gestión de proyectos. La vía rápida de todo ejecutivo para cumplir a tiempo y dentro del presupuesto*. Madrid: Prentice Hall.

Pinedo Iglesias, E. (2008). Ciclo de vida de un proyecto de promoción público privada. *Serie artículos DIP*. A Coruña: asociación LUGH de directores de proyecto.

Project Management Institute. (2008). *Fundamentos de la Dirección de Proyectos*. Pennsylvania: PMI.

### **Recommendations**

#### **Subjects that continue the syllabus**

A3 Integration Management and Project Scope/P02M009V02203

#### **Subjects that it is recommended to have taken before**

A1 Conceptual Framework of the IPM (Integrated Project Management)/P02M009V02201