



## IDENTIFYING DATA

### A5 Project Cost Management

|                     |   |                     |             |                  |
|---------------------|---|---------------------|-------------|------------------|
| Subject             | A5 Project Cost Management  |                     |             |                  |
| Code                | P02M009V03205   |                     |             |                  |
| Study programme     | (*)Máster Universitario en Dirección Integrada de Proxectos.<br>Especialidade:<br>Sistemas de Información |                     |             |                  |
| Descriptors         | ECTS Credits<br>3.5   | Choose<br>Mandatory | Year<br>1st | Quadmester<br>An |
| Teaching language   | Spanish   |                     |             |                  |
| Department          |   |                     |             |                  |
| Coordinator         | Cancela Carral, José María  |                     |             |                  |
| Lecturers           | Cancela Carral, José María<br>Nieto Uria Ribeiro de Almeida, Arturo                                       |                     |             |                  |
| E-mail              | chemacc@uvigo.es  |                     |             |                  |
| Web                 | <a href="http://www.mdip.es">http://www.mdip.es</a>   |                     |             |                  |
| General description | Study of the project plan from the point of view of the cost thereof.                                     |                     |             |                  |

## Competencies

### Code

|     |  |
|-----|--|
| A2  | (*)Desarrollo de la capacidad de análisis y síntesis vinculadas a las acciones del Project Manager.  |
| A3  | (*)Capacidad de organización y planificación las diferentes fases de un proyecto.  |
| A4  | (*)Capacidad para la búsqueda, análisis, selección, organización, utilización y gestión de la información en el ámbito del Project Manager.                          |
| A5  | (*)Capacitarse en el manejo de paquetes informáticos para dirección y gestión de un proyecto.  |
| A7  | (*)Dominio del análisis crítico y reflexivo de las opciones metodológicas que se presentan en el ámbito del Project Manager, que fundamenten las propias decisiones. |
| A10 | (*)Hábitos de excelencia, compromiso ético y calidad en el ejercicio profesional del Project Manager.  |
| A11 | (*)Capacidad para aplicar los conocimientos adquiridos al campo profesional en el que desarrolla su actividad el Project Manager.                                    |
| A13 | (*)Capacidad para gestionar la obtención del resultado acorde a los criterios de calidad, y del cliente  |
| B1  | (*)Que los estudiantes hayan demostrado una comprensión sistemática de los grupos de procesos que se llevan a cabo en el entorno del Project Manager.                |
| B2  | (*)Que los estudiantes hayan demostrado la capacidad de concebir, diseñar y planificar un proyecto siguiendo la metodología Project Manager.                         |
| B3  | (*)Que los estudiantes sean capaces de realizar un análisis crítico, evaluación y síntesis de ideas nuevas y complejas en el ámbito del Project Manager.             |
| B4  | (*)Que se le suponga, al estudiante, capaz de fomentar en contextos profesionales el avance tecnológico, en el ámbito del Project Manager.                           |

## Learning aims

| Expected results from this subject             | Training and Learning Results |    |
|--|-------------------------------|----|
| Define the integral Activities of a project.   | A2<br>A3<br>A4                | B1 |
| Sequence Activities that are part of a project | A3<br>A4                      | B2 |

|   |                 |    |
|---|-----------------|----|
| Estimate the material Resources, humans, technicians and financial for the Activities | A2<br>A3<br>A4  | B1 |
| Estimate the Costs of the Activities  | A3<br>A4        | B3 |
| Prepare the Budget of the Project   | A10<br>A11      | B2 |
| Develop Schedule of Income and Payments Project                                       | A3<br>A4<br>A5  | B2 |
| Establish systems of Control of Costs of the Project                                  | A3<br>A7<br>A13 | B4 |

## Contents

### Topic

|   |                   |
|---|-------------------|
| Chapter I. The project plan. Cost Estimating. | The estimate      |
| Chapter II. Preparation Cost Budgeting        | The budget        |
| Chapter III. The timing of payments           | The payments      |
| Chapter IV. Controlling Project Costs         | Controlling Costs |

## Planning

|                                       | Class hours | Hours outside the classroom | Total hours |
|---------------------------------------|-------------|-----------------------------|-------------|
| Master Session                        | 5           | 10                          | 15          |
| Presentations / exhibitions           | 5           | 10                          | 15          |
| Case studies / analysis of situations | 5           | 10                          | 15          |
| Troubleshooting and / or exercises    | 10          | 17.5                        | 27.5        |
| Multiple choice tests                 | 1           | 4                           | 5           |
| Troubleshooting and / or exercises    | 1           | 9                           | 10          |

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

## Methodologies

|                                       | Description  |
|---------------------------------------|--|
| Master Session                        | Presentation by the teacher of the contents on the object field of study, theoretical and / or guidelines of work, exercise or project to be developed by the student. |
| Presentations / exhibitions           | Sharing and discussion by students and teacher work performed under the guidance of teachers.  |
| Case studies / analysis of situations | Throughout the course problem situations to be analyzed and studied by the students to propose solutions to it are presented.  |
| Troubleshooting and / or exercises    | Throughout the course exercises to be resolved individually by the student will be proposed.   |

## Personalized attention

| Methodologies               | Description  |
|-----------------------------|--|
| Presentations / exhibitions | The student will receive individual attention in tutoring schedule established for this purpose during the current academic year. To read your tutoring schedule and place thereof should consult the web master: <a href="http://www.mdip.es">www.mdip.es</a> . |

## Assessment

|                                    | Description  | Qualification |
|------------------------------------|--|---------------|
| Multiple choice tests              | It consists of 20 questions and only answer to all the content taught in the course.                 | 30            |
| Troubleshooting and / or exercises | Application of methods of cost management to a project, schedule analysis, and programming resources | 70            |

## Other comments on the Evaluation

## Sources of information

## Recommendations

### Subjects that continue the syllabus

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