



## IDENTIFYING DATA

### (\*)Estándares para a Xestión de Proxectos TIC

|                     |                                                                                                |          |      |            |
|---------------------|------------------------------------------------------------------------------------------------|----------|------|------------|
| Subject             | (*)Estándares para a Xestión de Proxectos TIC                                                  |          |      |            |
| Code                | P02M163V01116                                                                                  |          |      |            |
| Study programme     | (*)Máster Universitario en Dirección Integrada de Proxectos                                    |          |      |            |
| Descriptors         | ECTS Credits                                                                                   | Choose   | Year | Quadmester |
|                     | 3                                                                                              | Optional | 1st  | An         |
| Teaching language   | Spanish                                                                                        |          |      |            |
| Department          | External<br>Materials Engineering, Applied Mechanics and Construction                          |          |      |            |
| Coordinator         | Lorenzo Mateo, Jaime Alberto                                                                   |          |      |            |
| Lecturers           | Carreño Morales, Rafael María<br>Fernández Couto Gómez, Carlos<br>Lorenzo Mateo, Jaime Alberto |          |      |            |
| E-mail              | jaimelorenzo@uvigo.es                                                                          |          |      |            |
| Web                 | <a href="http://www.mdip.es">http://www.mdip.es</a>                                            |          |      |            |
| General description | (*)Analise da enxenería de Software.                                                           |          |      |            |

## Competencies

|      |                                                                                                                                                                                                                      |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code |                                                                                                                                                                                                                      |
| A2   | That the students know to apply the knowledges purchased and his capacity of resolution of problems in new surroundings or little known inside contexts wider (or multidisciplinary) related with his area of study. |
| A4   | That the students know to communicate his conclusions, and the knowledges and reasons last that the maintain, to skilled publics and no specialised of a clear way and without ambiguities.                          |
| B4   | Capacity of research, analysis and selection of notable information                                                                                                                                                  |
| B5   | Capacity of utilisation and management of the information                                                                                                                                                            |
| C1   | Know act like representatives of the promoter of the project in all the fields of performance of the Director of Project or Project Manager.                                                                         |
| C19  | Capacity for the editorial of the project as well as for his communication of form convincing, clear, concise and without ambiguities                                                                                |
| D5   | Value critically the knowledge, the technology and the available information to resolve the problems with which have to confront.                                                                                    |

## Learning outcomes

| Expected results from this subject                                                                                                                                                                    | Training and Learning Results     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Be able to identify the basic concepts of the Processes of Information in the Companies and of the different methodologies and standard.                                                              | A2<br>A4<br>B4<br>C1<br>C19<br>D5 |
| Be able to develop the basic capacity to relate with the areas of resources, communications, acquisitions, risks, quality and financial of the company under the perspective of the Area of Projects. | A2<br>B4<br>C1<br>C19             |

|                                                                                                                                                                                      |                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Be able to realise a basic analysis on the appearances to consider with regard to the decision to invest in active. Financial economic perspective<br>*versus technical perspective. | A2<br>A4<br>C1<br>D5        |
| Be able to develop skills of presentation and of work in team.                                                                                                                       | A2<br>A4<br>C1<br>C19<br>D5 |
| Be able to develop skills for the adaptation to new situations and resolution of problems, and for the autonomous learning.                                                          | A2<br>B4<br>B5<br>C19<br>D5 |
| Be able to relate between the basic concepts and the criterion of business decision with regard to the investments.                                                                  | A4<br>B4<br>C19<br>D5       |

## Contents

| Topic                                                               |                                                                                       |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Subject I. Standards and management of the quality in projects TICS | The management in time of crisis.                                                     |
| Subject II. Management of the resources in projects Tics.           | The projects Tics and the analysis of the investment.                                 |
| Subject III. Management of the communications in projects Tics.     | The communications, the direction and the strategic management of the projects        |
| Subject IV. Management of the changes in projects tics              | The changes, the direction and the strategic management of the projects               |
| Subject V. Management of the risks in projects Tics                 | The risks, , the direction and the strategic management of the projects               |
| Subject SAW. Management of the acquisitions in projects Tics.       | The acquisitions, , the direction and the strategic management of the projects        |
| Subject VII. Management of the financial resources in projects tics | The financial resources, , the direction and the strategic management of the projects |

## Planning

|                        | Class hours | Hours outside the classroom | Total hours |
|------------------------|-------------|-----------------------------|-------------|
| Case studies           | 10          | 2                           | 12          |
| Debate                 | 2           | 0                           | 2           |
| Lecturing              | 9           | 0                           | 9           |
| Project based learning | 5           | 35                          | 40          |
| Problem solving        | 10          | 0                           | 10          |
| Problem solving        | 1           | 0                           | 1           |
| Essay                  | 1           | 0                           | 1           |

\*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           | Along the course present situations problem that will be analysed and studied by part of the students to propose solutions to the even.                                                  |
| Debate                 | Put in common and debate by part of the students and professor of the works realised following the guidelines of the educational.                                                        |
| Lecturing              | Exhibition by part of the professor of the contents on the matter object of study, theoretical bases and/or guidelines of the work, exercise or project to develop by the estudiante.te. |
| Project based learning | Preparation of practical proposals of projects in base to the methodology *DIP                                                                                                           |
| Problem solving        | Along the course will propose exercises that will have to resolve of individual form by part of student.                                                                                 |

## Personalized attention

### Methodologies Description

Problem solving The student will receive attention individual in the time of tutor established it such end during it study academic. Stop the query of the his schedule of tutor and place of the same owes to consult the web of the master: [www.mdip.es](http://www.mdip.es)

| <b>Assessment</b> |                                                                            |               |          |                               |    |
|-------------------|----------------------------------------------------------------------------|---------------|----------|-------------------------------|----|
|                   | Description                                                                | Qualification |          | Training and Learning Results |    |
| Problem solving   | Analysis and resolution of problems proposed teaching pole                 | 20            | A2<br>A4 | C19                           | D5 |
| Essay             | Manufacture and delivery of works following the indications of the teacher | 80            | A4       | C1<br>C19                     |    |

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

#### **Sources of information**

##### **Basic Bibliography**

Serer Figueroa, Marcos., **Gestión Integrada de Proyectos**, 1ª Edición, Gestión, 2000

Amat Salas, Oriol., **Contabilidad y finanzas para no financieros**, 1ª Edición, Deusto, 2008

##### **Complementary Bibliography**

Amat Salas, Oriol, **Comprender la contabilidad y las fin**, 1ª Edición, UPC, 2006

#### **Recommendations**

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

(\*)Xestión dun Proxecto TIC/P02M163V01115