



IDENTIFYING DATA

Project Integration and Scope Management

| | | | | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|------|------------|
| Subject | Project Integration and Scope Management | | | |
| Code | P02M163V01103 | | | |
| Study programme | Máster Universitario en Dirección Integrada de Proyectos | | | |
| Descriptors | ECTS Credits | Choose | Year | Quadmester |
| | 5 | Mandatory | 1st | An |
| Teaching language | Spanish | | | |
| Department | | | | |
| Coordinator | García García, Óscar | | | |
| Lecturers | García García, Óscar Sanjurjo Royo, Eduardo José Viñas Méndez, Emilia | | | |
| E-mail | oscargarcia@uvigo.es | | | |
| Web | http://www.mdip.es | | | |
| General description | *Análisis Of the different stages and *entregables to attain during the development of the Integration and scope of the project. | | | |

Training and Learning Results

| | |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code | |
| A1 | Possess and comprise knowledges that contribute a base or opportunity to be original in the development and/or application of ideas, often in a context of investigation. |
| 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. |
| B1 | Capacity of analysis and synthesis. |
| B2 | Capacity of Organisation and Planning |
| B4 | Capacity of research, analysis and selection of notable information |
| B5 | Capacity of utilisation and management of the information |
| B9 | Capacity for the resolution of problems |
| C5 | Identify and comprise the interaction between the groups of processes that carry out in the surroundings of the Project Manager. |
| C8 | Capacity of organisation and planning the different phases of a project. |
| C19 | Capacity for the editorial of the project as well as for his communication of form convincing, clear, concise and without ambiguities |
| C21 | Capacity to manage the obtaining of the resulted chord to the criteria of term, cost and quality, and of the customer |
| D5 | Value critically the knowledge, the technology and the available information to resolve the problems with which have to confront. |
| D7 | Develop for the exercise of an open citizenship, literate, critical, committed, democratic and solidarity, able to analyse the reality, diagnose problems, formulate and implant solutions based in the knowledge and oriented to the very common. |
| D8 | Use the basic tools of the technologies of the information and the communications (TIC) necessary for the exercise of his profession and for the learning along his life. |

Expected results from this subject

| | |
|------------------------------------|-------------------------------|
| Expected results from this subject | Training and Learning Results |
|------------------------------------|-------------------------------|

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| The student will be able to comprise the structure of integration inside a project, relating all the areas of knowledge in the plan of management | A2 B2 C5 C8 D5 |
| The student will be able to comprise the importance of the Record of Constitution, of the management of the change and of the closing of the project | A1 A2 B1 B2 B4 C5 C8 D5 |
| The student will be able to know and use the basic tools of taking of requirements and of control of the scope of a project | A2 B1 B4 B9 C5 C21 D5 |
| The student will be able to define the scope of a project, knowing the difference between the scope of the product and of the project | A1 A2 B2 B4 C5 C8 D5 D8 |
| The student will be able to develop a structure of breakdown of work (*EDT) for the project | B2 B4 B5 C8 C19 D7 D8 |

Contents

| Topic | |
|--------------------------------------------------------------------------------------------------|---------------------------------------------|
| Subject I. The management of the integration in the project. | The key element of the integrated direction |
| Subject II. The Development of the Record of Constitution of the Project | Practical examples and documents |
| Subject III. The Development of the Plan of Management of the Project | The integration of the areas of knowledge |
| Subject IV. The Integrated Control of Changes | The management of the change |
| Subject V. The Development of the document of closing of the project | Practical examples and documents |
| Subject VI. The identification of requirements of a project | Tools |
| Subject VII. The Definition of the scope of a project | Practical examples and documents |
| Subject VIII. Creation of the structure of breakdown of the work (EDT) of a project step by step | Practical examples and Exercises |
| Subject IX. The Verification of the scope of a project. | The feasibility of the aims of the project |
| Subject X. The control of the scope of a project | The start of the triple restriction |

Planning

| | Class hours | Hours outside the classroom | Total hours |
|------------------|-------------|-----------------------------|-------------|
| Lecturing | 20 | 15 | 35 |
| Debate | 6 | 8 | 14 |
| Flipped Learning | 2 | 12 | 14 |
| Case studies | 5 | 25 | 30 |
| Essay | 0 | 14 | 14 |
| Presentation | 1 | 5 | 6 |

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

Methodologies

| | Description |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lecturing | Oral exhibition with audiovisual support of the contents of the matter object of study. |
| Debate | Formulation, analysis, resolution and debate of problems or exercises related the integration and acquisition and his management |
| Flipped Learning | The student will receive through the platform of teledocencia Moovi documentation so that it can work on her and later can pose to the professor doubt or problems of learning related with these contents |
| Case studies | Study of situations proposed by the educational. |

Personalized assistance

Methodologies Description

| | |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lecturing | During the tutorial hours, specific doubts about the exercises, cases and explanations made during the theoretical classes will be resolved. The tutorials may be resolved through face-to-face or virtual mode, either through the virtual offices of the teachers (1006, prof. Dr. Oscar García García), or by email or through the forums of the Moovi tele-teaching platform. |
| Case studies | During the tutoring hours, specific doubts about the cases and situations raised during the classes will be resolved. The tutorials may be resolved through face-to-face or virtual mode, either through the virtual offices of the teachers (1006, prof. Dr. Oscar García García), or by email or through the forums of the Moovi tele-teaching platform. |

Assessment

| | Description | Qualification | Training | Learning | Results |
|--------------|-------------------------------------------------------------------|---------------|----------|----------------|----------------------|
| Essay | Works tutored, following the marked guidelines by the educational | 30 | A1 A2 | B2 B4 B9 | C8 C21 |
| Presentation | Presentation, defence and debate of the work realized | 40 | | B1 B5 | C5 C19 |
| Essay | It will consist in managing the scope of a project | 30 | A1 | B2 B4 B9 | D5 D7 D8 D7 |

Other comments on the Evaluation

The student must pass all three tests to pass the subject. The student who does not develop all the proposed works and presentations must take the official exams, which will have a value of 100%. The exam will be multiple choice with 20 single-answer questions (20%) and two development exercises (40% each). In case of not having passed the subject in the first call, the skills not acquired will be evaluated in the July call through the same type of tests (multiple test and development exercises). The official dates of the exams can be consulted on the Master's website www.mdip.es

Sources of information

Basic Bibliography

AENOR, **Norma española UNE-ISO 21502:2020. Gestión del proyecto, programa y portafolio: Guía para la gestión del proyecto**, Asociación Española de Normalización y Certificaci, 2020
 Project Management Institute., **A Guide to the Project Management Body of Knowledge (PMBOK® Guide)**, 6, Project Management Institute, 2017
 HARVARD BUSINESS REVIEW, **GUÍAS HBR: GESTIÓN DE PROYECTOS**, 1, REVERTE MANAGAMENT, 2017
 Sanjurjo, E., **El puzzle del director del proyecto**, 1, Master Oficial Interuniversitario en dirección int, 2009
 Biafore, B. y Stover, T, **Gestión de proyectos en el mundo real**, 1, Anaya, 2012

Complementary Bibliography

Project Management Institute, **Guía de los Fundamentos para la Dirección de Proyectos (Guía PMBOK®)**, 7, Project Management Institute, 2021

Recommendations

Subjects that continue the syllabus

Project Time Management/P02M163V01104

Subjects that it is recommended to have taken before

