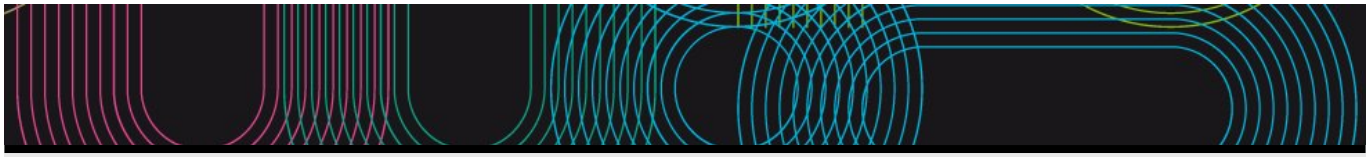

IDENTIFYING DATA				
Project managemente and Scheduling				
Subject	Project managemente and Scheduling			
Code	O06M132V03101			
Study programme	(*)Máster Universitario en Enxeñaría Informática			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	1st	1st
Teaching language	Spanish Galician English			
Department				
Coordinator	Rodeiro Iglesias, Javier			
Lecturers	Rodeiro Iglesias, Javier			
E-mail	jrodeiro@uvigo.es			
Web	http://moovi.uvigo.gal			
General description	(*)Inicio, peche, planificación, execución, seguemento, control e peche do proyecto. Xestión da integración, alcance, tempo, coste, calidade, recursos humans, comunicacións, riscos e adquisicions. Estándares e boas prácticas de xestión de proxectos. Ferramentas da mellora da productividade.			

Competencies	
Code	
B1	Ability to project, calculate and design products, processes and installations in all areas of computer engineering.
B2	Ability to manage works and install computer systems, complying with current regulations and ensuring the quality of service.
B3	Ability to direct, schedule and supervise multidisciplinary teams
B5	Capacity for the development, strategic planning, direction, coordination and technical and economic management of projects in all areas of Computer Engineering following quality and environmental criteria.
B6	Capacity for general management, technical management and management of research, development and innovation projects, in companies and technology centers, in the field of Computer Engineering
B8	Ability to apply the acquired knowledge and solve problems in new or little-known environments within broader and multidisciplinary contexts, being able to integrate this knowledge
B10	Ability to apply the principles of economics and human resource management and projects, as well as the legislation, regulation and standardization of IT
C2	Capacity for strategic planning, preparation, direction, coordination, and technical and economic management in the fields of Computer Engineering related, among others, with: systems, applications, services, networks, infrastructures or computer facilities and centers or factories for the development of software, respecting or adequately complying with two criteria of quality and environment in multidisciplinary work environments.
C3	Ability to manage research, development and innovation projects in companies and technology centers, guaranteeing safety for people and goods, the final quality of products and their approval.
D2	Capacity for the dirección of teams and organizations
D3	Capacity of leadership
D4	Capacity to communicate knowledge and conclusions to públicos especializados and no especializados, of oral way and written
D7	Capacity of reasoning crítico and creativity
D8	Responsibility and commitment ético in the desempeñor of the professional activity
D11	Capacity of learning autónomo
D12	Capacity to resolve problems in new surroundings or little known inside contexts más wide or multidisciplinares
D13	Capacity to integrate knowledges and enfrentarse to the complexity to formulate trials from an información incomplete

Learning outcomes	
Expected results from this subject	Training and Learning Results
New	B1 B5 C3
New	B2 B3 B6 C2 D2 D3 D12 D13
New	B8 B10 D4 D7 D8 D11

Contents	
Topic	
Start, planning, execution, tracking, control and closing of the project.	Management of the integration, range, time, cost, quality, human resources, comunications, risks and adquisitions
Standards	Good practices of management of projects
Tools	Improvement of the productivity

Planning			
	Class hours	Hours outside the classroom	Total hours
Seminars	5.75	0	5.75
Mentored work	19.5	0.5	20
Laboratory practical	22.75	1.25	24
Essay	0	50.25	50.25
Laboratory practice	0	50	50
*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.			

Methodologies	
	Description
Seminars	Mentoring and monitoring meetings, so face to face as online.
Mentored work	Distinct activities in the classroom, oriented to the complete group or small groups. it will realize explained dissertations of the fundamental contents of the subject, and performs individual and group activities applying the concepts and problems exposed. The objective in the activities will be the acquisition of knowledges and its application in the professional and research fields of the computing. Also they will be able to include in these sessions activities of evaluation.
Laboratory practical	Realization of practices, guided session of laboratory and seminars for resolution of problems in group under the supervision of the professor. It could include previous activities of the laboratory sessions and seminars that help the achievement of the proposed objectives. It will be promoted the activities focused on the development of projects, practical hypothesis and reports. Also it will be able to organize these activities for evaluation.

Personalized assistance	
Tests	**Description**
Essay	The professor will supervise face to face or online the realization of activities, works and studio of the student, in a autonomous way, individually or group. The not face to face activities are geared the acquisition of knowledges and the development of projects and works requested, so individually as group.
Laboratory practice	The professor will supervise face to face or online the realization of activities, works and studio of the student, in a autonomous way, individually or group. The not face to face activities are geared the acquisition of knowledges and the development of projects and works requested, so individually as group.

Assessment			
	Description	Qualification	Training and Learning Results

Essay	It will propose to the students individual or group assessment. Each work will have a length assigned. These assessments are oriented to the execution and optimization of the processes in the project management. RA01, RA03	50	B1 B5 B8 B10	C3	D4 D7 D8 D11
Laboratory practice	It will propose to the students individual or group assessment. Each assessment will have an effort assigned. These assessments are oriented to the project planning and the validation and adaptation to the organisation and client requirements. RA02	50	B2 B3 B6	C2	D2 D3 D12 D13

Other comments on the Evaluation

CRITERIA OF EVALUATION FOR ASSISTANTS 1ª EDITION

The evaluation of the subject will be realize through of assessments proposed by the professor to the students , so individual or in group. All they must obtain a minimum note of 5 over 10 to pass the subject.

CRITERIA OF EVALUATION FOR NO ASSISTANTS

Methodology 1: Resolution of problems and/or exercises in autonomous work

Descripción: Assessment proposed by the professor to the students, so individual form or in group.

Mark: 50% . To pass this part of the subject, the student must obtain a mark equal or above to 5 points (over 10).

Evaluated competences :

CG1

CG5

CG8

CG10

CE3

CT4

CT7

CT8

CT11

Results of learning evaluated: RA01, RA03

Methodology 2: Practical tests, real task execution and / or simulated.

Descripción: Assessment proposed by the professor to the students, so individual form or in group.

Mark: 50% . To pass this part of the subject, the student must obtain a mark equal or above to 5 points (over 10).

Evaluated competences :

CG2

CG3

CG6

CE2

CT2

CT3

CT12

CT13

Results of learning evaluated: RA02

CRITERIA OF EVALUATION FOR 2ª EDITION And END OF CAREER

It will use the same system of evaluation applied for them no assistants.

PROCESS OF MARK

In the case of not pass any of the assessments proposed the mark will correspond with the average pondered of the assessments in function of the used time, except that this mark dont pass the 5, that will correspond then with a 4,9.

DATES OF EVALUATION

The calendar of evaluation approved officially by the ESEI is published in the page web http://www.esei.uvigo.es/index.php?id=29.

Sources of information

Basic Bibliography

Complementary Bibliography

Project Management Institute, **A Guide to the Project Management Body of Knowledge (PMBOK® Guide)**, Fifth Edition,

Ken Schwaber, Mike Beedle, **Agile Software Development with Scrum (Series in Agile Software Development)**,

Recommendations

Contingency plan

Description

=== EXCEPTIONAL PLANNING ===
Given the uncertain and unpredictable evolution of the health alert caused by COVID-19, the University of Vigo establishes an extraordinary planning that will be activated when the administrations and the institution itself determine it, considering safety, health and responsibility criteria both in distance and blended learning. These already planned measures guarantee, at the required time, the development of teaching in a more agile and effective way, as it is known in advance (or well in advance) by the students and teachers through the standardized tool.

=== ADAPTATION OF THE METHODOLOGIES ===
* Teaching methodologies maintained

Due the exceptional situation, if it is not possible to teach face-to-face classes, virtual tools will be used to teach the classes.

=== ADAPTATION OF THE TESTS ===

The evaluation remains the same as in presential stage, with telematic delivery of the assigments

=== ADAPTATION OF THE ATTENTION TO THE STUDENTS ===

For the attention to the studens, it will be used the tool "Remote Campus"