Universitat de Lleida

DEGREE CURRICULUM
PROJECT MANAGEMENT

Coordination: RIUS TORRENTÓ, JOSEP MARIA

Academic year 2017-18

Subject's general information

Subject name	PROJECT MANAGEMENT
Code	102058
Semester	2nd Q(SEMESTER) CONTINUED EVALUATION

Typology	Degree	Course	Typology	Modality
	Bachelor's Degree in Computer Engineering	4	COMPULSORY	Attendance-based

ECTS credits	6
Groups	1GG
Theoretical credits	3
Practical credits	3
Coordination	RIUS TORRENTÓ, JOSEP MARIA
Department	ADMINISTRACIO D'EMPRESES
Teaching load distribution between lectures and independent student work	40% (60h) at class, 60% (90h) at home.
Important information on data processing	Consult this link for more information.
Language	Catalan
Office and hour of attention	Arrange an appointment by email.

PROJECT MANAGEMENT 2017-18

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
RIUS TORRENTÓ, JOSEP MARIA	josepmaria.rius@aegern.udl.cat	6	

Subject's extra information

To follow this subject properly some previous knowledge/skills on scheduling problem modeling is recommended.

Learning objectives

- Learn the basics of Project management.
- See the importance of using a Methodology for the Projects Management.
- Gain the knowledges and necessary skills on Planning, Organisation, and Project Management, and learn how to apply them in real situations.

Competences

Strategic competencies of the University of Lleida

- **CT2**. Mastering a foreign language, especially English.
- **CT3**. Training Experience in the use of the new technologies and the information and communication technologies

Specific competences

- **GII-IS1**. Capacity to develop, maintain and evaluate services and software systems that satisfy all the requirements of the user and behave in a reliable and efficient way, they can develop, keep and fulfil quality requirements, applying the theories, principles, methods and uses of the software engineering.
- **GII-IS2**. Capacity to value the customer needs and specify the software requirements to satisfy these needs, solving conflicts by means of acceptable commitments taking into account the limitations of cost, time, existence of systems already developed and of the own organisations.
- **GII-IS4**. Capacity to identify and analyse problems and design, develop, implement, verify and find software solutions on the base of a suitable knowledge of the theories, models and current techniques.
- **GII-IS5**. Capacity to identify, evaluate and manage the potential risks that can arise.
- **GII-IS6**. Capacity to design suitable solutions in one or more fields of application using methods of software engineering that integrate ethical, social, legal and economic issues.

Cross-disciplinary competences?

- **EPS11**. Capacity to understand the needs of the user expressed in a no technical language.

Subject contents

Subject oriented how to manage innovation in IT projects.

0. Preliminary Concepts

1. PMI: Project Management Institute

2. Phases and life cycle of a project

3. Resource Management

   3.1. Modeling problems

   3.2. Troubleshooting

   3.3. Analysis of results

Methodology

Each week students will receive 4 hours of teaching. First, the basics concepts will be introduced in order to prepare the students for the practical exercices.

Slides with the basics conceptes will be provided and used in the teaching lessons.

Development plan

Week	Activities	Student workload
1	Introduction	
2-4	Contents	4 h/week. Study and problem solving.
5-8	Practical issues	4 h/week. Study and problem solving.
9	Exam	8 hours. Study for control.
10-12	Contents	4 h/week. Study and problem solving.
13-14	Practical issues	4 h/week. Study and project elaboration.
15	Projects evaluation	4 hours. Slides elaboration.
16-18	Tutorization	
19	Final assessment	

Evaluation

Acr.	Actividades de Avaluación	Weigth	Minimum Mark	In Group	Mandatory	Recoverable
P1	*Parcial Test*	55%	4	NO	YES	YES
PRA	*Classwork*	15%	5	YES (<=2)	YES	NO
TRB	*Project*	30%	4	SI (<=2)	SI	NO
FinalMark = 0,55*P1 + 0,15*PRA + 0,3*TRB						

Bibliography

Project Management Institute. A Guide to the Project Management Body of Knowledge. PMI, 2013. ISBN: 978-1-

62825-009-1

Project Management Institute. Software Extension to the PMBoK Guide 5th Edition, PMI, 2013.

Frederick S. Hillier and Gerald J. Lieberman. 1986. *Introduction to Operations Research, 4th Ed.*. Holden-Day, Inc., San Francisco, CA, USA.

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