Universitat de Lleida

DEGREE CURRICULUM

DIRECTION, ORGANISATION AND LEADERSHIP OF TECHNOLOGICAL PROJECTS

Coordination: PRAT MALPARTIDA, MIREIA

Academic year 2023-24

Subject's general information

Subject name	DIRECTION, ORGANISATION AND LEADERSHIP OF TECHNOLOGICAL PROJECTS
Code	102389
Semester	1st Q(SEMESTER) CONTINUED EVALUATION

Typology

Degree	Course	Character	Modality
Bachelor's degree in Digital Interaction and Computing Techniques	3	OPTIONAL	Attendance-based

Course number of credits (ECTS)	6

Type of activity, credits, and groups

Activity type	PRALAB	TEORIA
Number of credits	3	3
Number of groups	1	1

Coordination	PRAT MALPARTIDA, MIREIA
Department	ECONOMICS AND BUSINESS
Important information on data processing	Consult this link for more information.
Language	English

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
CAMUÑAS MENDEZ, JORGE FRANCISCO	jordi.camunas@udl.cat	1,2	
PRAT MALPARTIDA, MIREIA	mireia.prat@udl.cat	6	

Subject's extra information

This course will be carried out mainly in English in order to give the students the opportunity to express themselves in this language in a friendly environment, with the aim of preparing them for the communication in English in their workplace.

The core concepts for this course are:

- Project management and leadership from a business perspective
- Communication and development of "soft skills"

Learning objectives

- Getting to know different methodologies on team and project management
- Identifying the function of communication in organizations and working teams
- Identifying the essence and typology of leadership at the service of organizations
- Applying business organization techniques in managing information systems

Competences

Basic Competences

CB2: That students know how to apply their knowledge to their work or vocation in a professional manner and possess the skills that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.

CB4: That students can transmit information, ideas, problems and solutions to a specialized and non-specialized public.

CB05 That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

Transversal Competences

CT4 Acquire basic knowledge of entrepreneurs and professional environments.

General Competences

CG1.Conceive, plan and developed projects in the field of ICT.

CG5.Know the basic subject areas and technologies needed to learn and develop new methods and technologies, and those that help to adapt to new situations.

Specefic Competences

CE18. Capacity to integrate ICT solutions and business to satisfy the needs of information of the organizations, allowing them to reach their aims effective and efficiently, giving them a competitive advantage.

CE19. Capacity to determine the requirements of the information and communication systems of an organisation taking into account security issues and fulfilment of the rules and regulations.

CE20. Capacity to actively participate in the specification, design, implementation and maintenance of enterprise information and communication systems.

CE21. Capacity to understand and apply the principles and techniques of quality management and of technological innovation in organisations.

CE23. Capacity to individually develop, present and defend in front of a committee an original project in the field of the digital interactive applications and computation, which synthetizes and integrates the competences acquired in the bachelor degree.

Subject contents

Part 1: Project Management and Leadership

1. Project Management Fundamentals
2. Leadership

Part 2: Communication and Soft Skills

1. Personal skills
2. Interpersonal skills
3. Group skills

Methodology

An on-site or hybrid teaching will be carried out for this course (depending on the number of registered students):

- On-site sessions: on-site sessions focused on learning the corresponding theories, practicing different acquired skills and presenting the practical exercises to be evaluated. Active participation in these sessions, as well as its preparation and discussion of fellow students' presentations, will also be evaluated.
- Autonomous work (off-site): occasionally students will have to prepare for the practical sessions (reading about theories or case studies, preparing for activities that will be carried out on-site) and to do off-site the corresponding practical exercises that will be evaluated.

Development plan

Week	Topic
1	Presentation and Introduction
2	Project Management
3	Leadership
4	Leadership

5	Personal skills
6	Personal skills
7	Interpersonal skills
8	Interpersonal skills
9	
10	Interpersonal skills
11	Interpersonal skills
12	Interpersonal skills
13	Group skills
14	Group skills
15	Group skills
16	
17	
18	
19	

Evaluation

Evaluation blocks	Weight	Retake
Block 1 - Practical Exercise 1	20%	No
Block 2 - Practical Exercise 2	20%	No
Block 3 - Practical Exercise 3	20%	No
Block 4 - Practical Exercise 4	20%	No
Block 5 - Participative Activities	20%	No

Students will pass this course with a final grade equal to or higher than 5.

The final grade will be calculated with the results obtained in each of the evaluation blocks and the weights detailed above.

Article 9 of the Assessment Regulations establishes that the student cannot use unauthorized means or fraudulent mechanisms during evaluation activities. Any student who uses any fraudulent means related to the exam and/or carries prohibited electronic devices will be subject to the consequences outlined in this regulation or any internal regulations of the UdL.

Article 43 of the Code of Conduct Regulations at UdL describes the applicable sanctions, which include, among others and depending on the severity of the offense, the loss of the right to be evaluated in the subject, the loss of enrollment for a semester or a year, or expulsion for up to three years.

Alternative evaluation

The students that have the approval to be evaluated according to alternative evaluation (see requirements and procedure in the evaluation rules) have to do evaluation blocks 1-4 on the corresponding dates and block 5 on the day of the final exam, according to the evaluation calendar.

Bibliography

PROJECT MANAGEMENT INSTITUTE (2004). A guide to the project management body of knowledge (PMBOK guide). Newtown Square, Pa, Project Management Institute.

BERKUN, SCOTT (2008). Making Things Happen: Mastering Project Management. Sebastopol, O'Reilly Media.

YUKL, GARY A. (2013). Leadership in organizations, 8th Edition. Essex, Pearson Education Limited.

SCHEIN, EDGAR H. (2017). Organizational Culture and Leadership, 5th Edition. New Jersey, Wiley.

KOTTER, JOHN P. (2012). Leading Change. Boston, Harvard Business Review Press.

WHETTEN, DAVID A., CAMERON, KIM S. (2016). Developing management skills, 9th Edition. Essex, Pearson Education.