



Universitat de Lleida

DEGREE CURRICULUM
**DIRECTION, ORGANISATION
AND LEADERSHIP OF
TECHNOLOGICAL PROJECTS**

Coordination: PRAT MALPARTIDA, MIREIA

Academic year 2022-23

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	BUSINESS ADMINISTRATION			
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
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.

Specific 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 teaching will be carried out for this course:

- 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 activities	Weight	Retake
Practical Exercise 1	20%	No
Practical Exercise 2	20%	No
Practical Exercise 3	20%	No
Practical Exercise 4	20%	No
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 activities and the weights detailed above.

According to art. 3.1. of regulations for the assessment and grading of student learning in UdL, the student may not, under any circumstances, during the performance of the assessment tests, use any non-permitted means or fraudulent mechanisms. Any student who uses any fraudulent means related to the test and/or carries electronic devices that are not permitted, must abandon the exam or the test, and will be subject to the consequences foreseen in these regulations or in any other UdL internal regulations.

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.