



Universitat de Lleida

DEGREE CURRICULUM  
**ENTERPRISE PROJECTS 1**

Coordination: GARRIDO NAVARRO, JUAN ENRIQUE

Academic year 2019-20

## Subject's general information

<b>Subject name</b>	ENTERPRISE PROJECTS 1			
<b>Code</b>	103105			
<b>Semester</b>	UNDEFINED			
<b>Typology</b>	<b>Degree</b>	<b>Course</b>	<b>Character</b>	<b>Modality</b>
	Master's Degree in Informatics Engineering	1	OPTIONAL	Attendance-based
<b>Course number of credits (ECTS)</b>	6			
<b>Type of activity, credits, and groups</b>	<b>Activity type</b>	PRAULA		
	<b>Number of credits</b>	6		
	<b>Number of groups</b>	1		
<b>Coordination</b>	GARRIDO NAVARRO, JUAN ENRIQUE			
<b>Department</b>	COMPUTER SCIENCE AND INDUSTRIAL ENGINEERING			
<b>Teaching load distribution between lectures and independent student work</b>	This course is taught in Dual training modality so that the formation of the student is developed entirely in the company			
<b>Important information on data processing</b>	Consult <a href="#">this link</a> for more information.			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
GARRIDO NAVARRO, JUAN ENRIQUE	juanenrique.garrido@udl.cat	1	
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## Subject's extra information

The Dual training program allows the skills development in an entirely professional environment through the participation in real projects and work teams within a company. To follow this course is not required any specific knowledge, but a pro-active attitude, positive and adaptation to new situations and new teams.

## Learning objectives

1. Developing the capacity to conceive, design and implement projects and/or contribute to new solutions, apply the knowledge acquired and to be capable of integrating this knowledge.
2. Developing the capacity for the integration of technologies, applications and computer engineering systems, in general and in wider and multidisciplinary contexts.
3. Developing the capacity for strategic planning, preparation, coordination and technical management in the field of the computer engineering in: systems, applications, services, networks, infrastructures or computer installations and centres or factories of software development, complying with the suitable fulfilment of the quality criteria and multidisciplinary working environments.
4. Development of integration capability and adapt to new environments and work teams.
5. Developing the capacity to communicate their conclusions to specialists and non-specialists in a clear and unambiguous manner.

## Competences

### University of Lleida strategic competences

- UdL1: Appropriate skills in oral and written language.

## Cross-disciplinary Competences EPS

- EPS1: Capacity of planning and organizing the personal work.
- EPS2: Capacity to consider the socioeconomic context as well as the sustainability criteria in engineering solutions.
- EPS4: Capacity to conceive, design and implement projects and/or contribute to new solutions, using engineering tools.

## General Competences

- CG8: Capacity to apply the knowledge acquired for solving problems in new and unfamiliar situations within broader and more multidisciplinary contexts, and to be capable of integrating this knowledge.
- CG9: Capacity to understand and apply ethical responsibility, legislation and professional ethics in computer engineering activities.

## Basic Competences

- CB1: Possess knowledge and understanding that provide a basis or opportunity for originality in developing and / or applying ideas, often in a research context.
- CB2: That the students can apply their knowledge and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
- CB5: Students should possess learning skills that enable them to continue studying in a way that will be largely self-directed or autonomous.

## Degree-specific competences

- CE1: Capacity for the integration of technologies, applications and computer engineering systems, in general and in wider and multidisciplinary contexts.
- CE2: Capacity for the strategic planning, preparation, direction, coordination, and technical and economic management in the fields of the computer engineering in: systems, applications, services, networks, infrastructures or computer installations and centres or factories of software development, complying with the suitable fulfilment of the quality criteria and multidisciplinary working environments.
- CE4: Capacity to model, design, define the architecture, implant, manage, operate, administer and keep applications, networks, systems, services and computer contents.

## Subject contents

Specific contents are determined by arrangement between every student, the tutor of the company and the academic tutor.

## Methodology

This subject is taught by the Dual Training Education System, which is based on the complementarity principle of learning in an academic degree and training in a professional environment in a company. The student alternates his/her time between university and the company where he/she is employed.

## Development plan

Specific plan/activities are determined by arrangement between every student, the tutor of the company and the academic tutor, following the objectives of the course and the competences of the module. This plan/activities will be detailed in the notebook of Dual Training, specific for every student.

## Evaluation

Specific plan/activities are evaluated by every student, the tutor of the company and the academic tutor, following the objectives of the course and the competences of the module.

## Bibliography

Notebook of Dual Training. Available in the virtual campus of Master's degree in Informatics Engineering.

## Adaptations to the methodology due to COVID-19

The methodology complies with the instructions of the Vice-rectorate of Academic Planning:

- The students in dual training are not doing internships, but they have an employment contract with the company. Therefore they must continue with their activities in the company based on the instructions they have received from it.
- On the other hand, as the teaching activities are not suspended, but rather their attendance, the students in dual training must continue with the working timetime (total / partial) that they must do in the teaching period. In this sense, the teaching continues in an online way.