



Academic year	2016-17
Subject	22374 - Computer Laboratory
Group	Group 4, 1S, GMIT, GTTT
Teaching guide	A
Language	English

Subject identification

Subject	22374 - Computer Laboratory
Credits	2.4 de presencials (60 hours) 3.6 de no presencials (90 hours) 6 de totals (150 hours).
Group	Group 4, 1S, GMIT, GTTT (Campus Extens)
Teaching period	First semester
Teaching language	English

Professors

Lecturers	Horari d'atenció als alumnes					
	Starting time	Finishing time	Day	Start date	Finish date	Office
Ramon Mas Sansó ramon.mas@uib.es	11:00	12:00	Tuesday	01/09/2016	31/07/2017	143. Anselm Turmeda

Contextualisation

The course "Laboratori d'Informàtica" is a required subject in the fourth year of the Degree in Telematics Engineering. Its main objective is the strengthening of the programming skills attained throughout the previous years in this degree. Therefore, the proposed program focuses on the development of a computer application in all its stages.

The student will apply the concepts acquired in the subjects of Programming, Advanced Programming and Software Engineering and Databases.

Requirements

Essential requirements

Programming skills

Skills

Mainly, programming skills are reinforced

Specific

* CG12.



Generic

- * CC7.
- * CG9.
- * CG10.
- * CG11.

Basic

- * You may consult the basic competencies students will have to achieve by the end of the degree at the following address: <http://www.uib.eu/study/grau/Basic-Competences-In-Bachelors-Degree-Studies/>

Content

Theme content

1. Development processes
2. Usability and accessibility
3. Analysis, design, coding and validation of an application

Teaching methodology

This section describes the activities of overall effort devoted to the subject in order to develop and assess the skills described previously.

In-class work activities

Modality	Name	Typ. Grp.	Description	Hours
Theory classes	Lectures	Large group (G)	Using the expository method, the teacher will establish the theoretical and practical foundations for the achievement of the subject.	15
Laboratory classes	Laboratory sessions	Medium group (M)	Project development	45

At the beginning of the semester a schedule of the subject will be made available to students through the UIB digital platform. The schedule shall at least include the dates when the continuing assessment tests will be conducted and the hand-in dates for the assignments. In addition, the lecturer shall inform students as to whether the subject work plan will be carried out through the schedule or through another way included in the Campus Extens platform.

Distance education work activities

Modality	Name	Description	Hours
Group or individual self-study	Memorandum	Project and application documentation	80

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Modality	Name	Description	Hours
Group or individual Project development self-study		Implementation of a software project, from guided to autonomous work	10

Specific risks and protective measures

The learning activities of this course do not entail specific health or safety risks for the students and therefore no special protective measures are needed.

Student learning assessment

The student will receive a grade for each assessment activity, which will be weighted according to their relative weight in order to get the overall rating of the course.

Students who have not obtained a rating greater than or equal to five in all the activities will be able to recover them in the recovery period.

If plagiarism of the work is detected (in either source code or documentation) or a part of it, you will fail the course and there won't be any chance of recovery.

Memorandum

Modality	Group or individual self-study
Technique	Papers and projects (retrievable)
Description	Project and application documentation
Assessment criteria	Clarity, correctness and organization

Final grade percentage: 40%

Project development

Modality	Group or individual self-study
Technique	Papers and projects (retrievable)
Description	Implementation of a software project, from guided to autonomous work
Assessment criteria	Applied concepts, correctness, clarity, reuse

Final grade percentage: 60%

Resources, bibliography and additional documentation

Material provided by lecturer

Basic bibliography

Provided by lecturer