Syllabus

Subject

Subject / Group	21749 - Strategic Management of Business Information Systems / 1
Degree	Degree in Computer Engineering (2014 syllabus) - Third year
Credits	6
Period	2nd semester
Language of instruction	English

Professors

Lecturers	Office hours for students					
	Starting time	Finishing time	Day	Start date	End date	Office / Building
Javier Jofre González-Granda *Responsible* javier.jofre@uib.es	17:30	18:00	Tuesday	09/09/2019	20/12/2019	Avisar por email antes de venir a tutorías. Gracias.
	19:30	20:00	Tuesday	17/02/2020	12/06/2020	Please confirm by email before coming to session

Context

Business information systems are one of the critical points within the business productive companies. The production and management of companies nowadays depend on several decisions that are made based on information and data. Systems that store, process and report such type of information are a must if acompany wants to survive. Without management information systems and without a strategy applicable to these systems, the business approach may be totally obsolete or collapse.

This subject introduces from the reason of the information systems in the companies, how to align the different parameters (market, clients, internal processes, etc.) with the information systems now and in the future.

Requirements

Skills

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Specific

* Ability to integrate IT solutions and business processes to know information needs of organizations, enabling them to achieve their objectives effectively and efficiently, thus giving them competitive advantages (CI401).
* Ability to determine the requirements of the information and communication systems of an organization taking care of aspects of security and compliance with the legislation and current legislation (CI402).
* Ability to understand and apply the principles of risk assessment and apply them correctly in the development and implementation of action plans (CI405).

Transversal

* Ability to work in multidisciplinary and multilingual teams. (CTR05).
* Leadership, initiative, entrepreneurship and efficiency in a demanding environment based on creativity, quality and adaptation to new situations. (CTR06).
* Ability to develop interpersonal skills, and commitment to social, ethical, environmental and fundamental rights values, especially values of equality and ability (CTR09).

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

Range of topics

1. IS Architectures
2. Implantation of IT and IS at companies
3. Alignment of business processes with the technological perspective
4. Selection and implementation of solutions
5. Parametrization of business processes
6. Effective customer relationship management
7. Supply Chain Technology Management
8. Business Prediction and Management Systems

Teaching methodology

In-class work activities (6 credits, 150 hours)

Modality	Name	Typ. Grp.	Description	Hours
Practical classes	Classes with contents exposition, practical cases and 100% participative	Large group (G)	Show, participate, discussing, changing opinions with the teacher and the rest of the students in order to acquire the theoretical and practical knowledge related to the subject.	75

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Modality	Name	Typ. Grp.	Description	Hours
	(business objectives)			
Practical classes	Classes with contents exposition, practical cases and 100% participative (IT objectives)	Large group (G)	Show, participate, discussing, changing opinions with the teacher and the rest of the students in order to acquire the theoretical and practical knowledge related to the subject.	75

At the beginning of the semester a schedule of the subject will be made available to students through the UIBdigital 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 Aula Digital platform.

Distance education tasks (0 credits, 0 hours)

Modality	Name	Description	Hours
Group or individual self-study	Preparation of homework assignments	Show simulated cases. Decision making argued. Discussion and reply of questions of other students.	0

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

Frau en elements d'avaluació

In accordance with article 33 of Regulation of academic studies, "regardless of the disciplinary procedure that may be followed against the offending student, the demonstrably fraudulent performance of any of the evaluation elements included in the teaching guides of the subjects will lead, at the discretion of the teacher, a undervaluation in the qualification that may involve the qualification of "suspense 0" in the annual evaluation of the subject".

Classes with contents exposition, practical cases and 100% participative (business objectives)

Modality	Practical classes
Technique	Real or simulated task performance tests **(non-retrievable)**
Description	Show, participate, discussing, changing opinions with the teacher and the rest of the students in order to acquire the theoretical and practical knowledge related to the subject.
Assessment criteria	In this activity the competences CTR05, CTR06, CTR09 and C1405 are evaluated.

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Simulated tests will be included as part. The result of the non-face-to-face work activity will be seen as part of the exposure and defense of the simulated tests.

Final grade percentage: 50%

Classes with contents exposition, practical cases and 100% participative (IT objectives)

Modality	Practical classes
Technique	Real or simulated task performance tests **(non-retrievable)**
Description	Show, participate, discussing, changing opinions with the teacher and the rest of the students in order to acquire the theoretical and practical knowledge related to the subject.
Assessment criteria	In this activity the competences CTR05, CTR09, CI401, CI402 and CI405 are evaluated.

Simulated tests will be included as part. The result of the non-face-to-face work activity will be seen as part of the exposure and defense of the simulated tests.

Final grade percentage: 50%

Preparation of homework assignments

Modality	Group or individual self-study
Technique	Real or simulated task performance tests **(non-retrievable)**
Description	Show simulated cases. Decision making argued. Discussion and reply of questions of other students.
Assessment criteria	

Final grade percentage: 0%

Resources, bibliography and additional documentation

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