



TECHNICAL SHEET OF THE SUBJECT

Data of the subject	
Subject name	Management Information Systems
Subject code	E000006900
Main program	Bachelor's Degree in Business Administration and Management
Involved programs	Grado en Administración y Dirección de Empresas (E-2) [Third year]
Credits	6,0 ECTS
Type	Optional
Department	Departamento de Gestión Empresarial
Course overview	ANECA: Information and communications technologies (ICT) run through the value chain of companies, integrating their links with each other, with customers and with suppliers. They are a source of improvements, efficiencies and business and sector transformations that we are witnessing on a daily basis. Its knowledge and proper management can generate significant competitive advantages for those organizations capable of aligning them with business processes, both internal and external (ensuring the interrelation between the different functional areas of the company: marketing, finance, human resources, logistics and production, among others). This alignment of business process management with ICT processes provides the link of technical-business union that modern organizations require.

Teacher Information	
Teacher	
Name	Carlos Miguel Vallez Fernández
Department	Department of Telematics and Computer Sciences
E-Mail	cmvallez@icai.comillas.edu
Teacher	
Name	Mario Castro Ponce
Department	Department of Telematics and Computer Sciences
Office	Alberto Aguilera 25 [D-411]
E-Mail	marioc@iit.comillas.edu
Phone	4224

SPECIFIC DATA OF THE SUBJECT

Contextualization of the subject
Contribution to the professional profile of the degree
For all or exposed in the descriptor of the subject, decisions on information management cannot remain in the hands of the technical staff of the company: experts in direction and management require new skills, including those necessary to manage with confidence and competence. information and its technology.



Prerequisites

Basic knowledge about the strategic management of the company and the management of the different functional areas of the company. It maintains a close relationship with the subject "Innovation and Strategy", where complementary topics are discussed that can greatly help the understanding and assimilation of concepts.

Competencies - Objectives

Competences

GENERALES

CG01	Capacidad de análisis y síntesis
CG02	Resolución de problemas y toma de decisiones
CG04	Capacidad de gestionar información proveniente de fuentes diversas
CG06	Comunicación oral y escrita en la propia lengua
CG07	Comunicación en una lengua extranjera
CG09	Habilidades interpersonales: escuchar, argumentar y debatir
CG10	Capacidad de liderazgo y trabajo en equipo
CG11	Capacidad crítica y autocrítica
CG14	Capacidad para aprender y trabajar autónomamente
CG17	Capacidad de elaboración y transmisión de ideas, proyectos, informes, soluciones y problemas

ESPECÍFICAS

CE04	Capacidad de identificar y comprender distintas variables económicas que afectan a la empresa
CE14	Conocimiento y aplicación de las herramientas de apoyo al directivo para la definición, la implantación y el control de la estrategia de la empresa
CEOPT01	Conocimiento y comprensión de los elementos dinámicos de la ventaja competitiva de la empresa asociados a la tecnología, la innovación y la información
CEOPT02	Conocimiento histórico y científico del gobierno corporativo que permita al alumno diseñar un sistema eficiente del gobierno de la empresa
CEOPT03	Conoce el contexto internacional de la empresa, y el sentido de las estrategias de internacionalización
CEOPT04	Capacidad para analizar los problemas empresariales desde la Teoría de las Organizaciones

THEMATIC BLOCKS AND CONTENTS

Contents - Thematic Blocks

- Chapter 1.- Management Information Systems
- Chapter 2.- Stages in the assimilation of ICT
- Chapter 3.- Processes and functions
- Chapter 4- Planning
- Chapter 5.- Control.
- Chapter 6.- SOA (Services Oriented Architecture)
- Chapter 7.- BPM (Business Process Management)

TEACHING METHODOLOGY

General methodological aspects of the subject

- 1.- Master Class
- 2.- Practices of each topic
- 3.- Group practice.

SUMMARY STUDENT WORKING HOURS

CLASSROOM HOURS			
Lecciones de carácter expositivo	Ejercicios y resolución de casos y de problemas	Seminarios y talleres	Exposición pública de temas o trabajos
18.00	22.00	5.00	5.00
NON-PRESENTIAL HOURS			
Estudio individual y/o en grupo y lectura organizada	Ejercicios y resolución de casos y de problemas	Trabajos monográficos y de investigación, individuales o colectivos	
60.00	20.00	20.00	
ECTS CREDITS: 6,0 (150,00 hours)			

EVALUATION AND CRITERIA

Evaluation activities	Evaluation criteria	Weight



Final Exam	<ul style="list-style-type: none">- Understanding of concepts.- Application of concepts to the resolution of practical problems.- Analysis and interpretation of the results obtained in solving problems.- Presentation and written communication.	50
Class practices	<ul style="list-style-type: none">- Understanding of concepts.- Application of concepts to the resolution of practical problems.- Analysis and interpretation of the results obtained in solving problems.- Presentation and written communication	20
Group practice	<ul style="list-style-type: none">- Understanding of concepts.- Application of concepts to the resolution of practical problems.- Analysis and interpretation of the results obtained in solving problems.- Ability to work in groups.- Presentation and written communication	25
Class Participation	General Class Participation	5

Ratings

- 50% exam grade.
- 20% will be the qualification of the practices.
- 25% will be the qualification of the final practice.
- 5% will be the class participation grade.

BIBLIOGRAPHY AND RESOURCES

Basic Bibliography

Specific website of the subject developed by the teacher with documentation, examples and statements of practices on the Moodle platform.

Free Software:

Yed. http://www.yworks.com/en/products_yed_about.html

OpenProj . <http://sourceforge.net/projects/openproj/>

Bonita Open Solution. <http://es.bonitasoft.com/>



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Syllabus
2022 - 2023

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