SUBJECT
25851 - Information Systems for Business Management

COMPETENCIAS/DESCRIPCION/OBJETIVOS

DESCRIPTORS
1. INFORMATION AND KNOWLEDGE AS RESOURCES
2. INFORMATION SYSTEMS AND BUSINESS STRATEGY
3. INTEGRATED BUSINESS STRATEGIES
4. ANALYSIS, ORGANIZATION AND INFORMATION RETRIEVAL, CORPORATE DATABASES AND ITS MANAGEMENT SYSTEMS

SPECIFIC COMPETENCES
1. KNOWING AND ANALYSING THE DIFFERENT IT TOOLS AND METHODOLOGIES AVAILABLE FOR BUSINESS MANAGEMENT IN THE INFORMATION/KNOWLEDGE SOCIETY
2. KNOWING THE FEATURES OF AN INTEGRATED MANAGEMENT SYSTEM THAT INTEGRATES ALL OF AN ORGANIZATION'S SYSTEMS AND PROCESSES INTO ONE COMPLETE FRAMEWORK, ENABLING AN ORGANIZATION TO WORK AS A SINGLE UNIT WITH UNIFIED OBJECTIVES.
3. LEARNING HOW TO USE SOFTWARE DESIGNED TO ALLOW THE DEFINITION, CREATION, QUERYING, UPDATE AND ADMINISTRATION OF DATABASES, AND THE CREATION OF KNOWLEDGE

TEMA RIO
1. BUSINESS MANAGEMENT IN THE INFORMATION SOCIETY
   INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT). INFORMATION/KNOWLEDGE SOCIETY
   BUSINESS INFORMATION SYSTEMS
   INTEGRATED MANAGEMENT SYSTEMS
   BUSINESS INTELLIGENCE (BI). KNOWLEDGE MANAGEMENT IN THE COMPANY

2. E-BUSINESS
   E-BUSINESS MODELS
   E-COMMERCE
   CORPORATE WEB. WEB 2.0 WEB 3.0 WEB 4.0
   CLOUD COMPUTING
   SECURITY

3. DATABASE DESIGN AND MANAGEMENT
   DATABASE DESIGN
   DATABASE MANAGEMENT SYSTEMS (DBMS)
   SECURITY
4.- MS-ACCESS: RELATIONAL DATABASE MANAGEMENT SYSTEM (RDBMS)

INFORMATION STRUCTURE AND ORGANIZATION

RDBMS USE (I): DATABASE CREATION

RDBMS USE (II): DATABASE MAINTENANCE

RDBMS USE (III): DATABASE QUERYING

**TIPOS DE DOCENCIA**

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<th>Tipo de Docencia</th>
<th>M</th>
<th>S</th>
<th>GA</th>
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**Leyenda:**

- M: Magistral
- S: Seminario
- GA: P. de Aula
- GL: P. Laboratorio
- GO: P. Ordenador
- GCL: P. Clínicas
- TA: Taller
- TI: Taller Ind.
- GCA: P. de Campo

**Aclaraciones:**

Se utilizará Moodle como plataforma de apoyo a la docencia presencial donde, entre otras cosas, estará disponible además de la Guía del Estudiante, el material utilizado a lo largo del curso (casos prácticos, tareas, etc.).

**EVALUACION**

- Examen escrito a desarrollar
- Examen escrito tipo test
- Realización de prácticas (ejercicios, casos o problemas)
- Trabajos individuales
- Trabajos en grupo

**Aclaraciones:**

EVALUATION SYSTEM

**MIXED ASSESSMENT**

THE STUDENT TAKES A MIDTERM EXAM, MULTIPLE-CHOICE TEST AND/OR SHORT QUESTIONS, BY THE MIDDLE OF THE FOUR-MONTH PERIOD.

3 POINTS

BY THE END OF THE FOUR-MONTH PERIOD, THE STUDENT TAKES:

A PRACTICAL EXAM IN THE COMPUTER LABORATORY DURING THE LAST SCHOOL WEEK

5 POINTS (AT LEAST 2 POINTS)

A FINAL EXAM OF THEORY ON THE DATE SET BY THE FACULTY

2 POINTS (AT LEAST 0.7 POINT)

NO CONTINUOUS ASSESSMENT (10 POINTS)

THE STUDENT ALLOWED TO BE IN THE NO CONTINUOUS ASSESSMENT TAKES A THEORY EXAM (3 POINTS) AND A PRACTICAL EXAM 7 POINTS)
AT THE END OF THE FOUR-MONTH PERIOD, ON THE DATE SET BY THE FACULTY.

IN ORDER TO PASS THE SUBJECT THE STUDENT MUST GET
AT LEAST 1 POINT IN THE THEORY EXAM AND
AT LEAST 2 POINTS IN THE PRACTICAL EXAM.

** IF A STUDENT WHO IS IN THE MIXED EVALUATION DOES NOT TAKE THE
EXAM BY THE END OF THE FOUR-MONTH PERIOD (THEORY AND PRACTICAL), IT WILL BE
CONSIDERED AS IF SHE/HE WOULD NOT HAVE BEEN IN FOR THE EXAM IN HER/HIS
ACHIEVEMENT RECORD.

** FOR THE EXTRAORDINARY EXAM IT IS POSSIBLE TO KEEP THE GOT MARK IN THE MID-TERM EXAM
OR TAKE A 10 POINTS EXAM.

MATERIALES DE USO OBLIGATORIO

BIBLIOGRAFÍA

Bibliografía básica
MANAGEMENT INFORMATION SYSTEMS. MANAGING THE DIGITAL FIRM
13TH EDITION, ED. PEARSON

MICROSOFT OFFICE ACCESS (TM) 2007 STEP BY STEP
MICROSOFT PRESS

Bibliografía de profundización
GÓMEZ VIEITES, A. & SUÁREZ REY, C. (2011)
SISTEMAS DE INFORMACIÓN. HERRAMIENTAS PRÁCTICAS PARA LA GESTIÓN EMPRESARIAL
4ª EDICIÓN. EDITORIAL RA-MA

Revistas

Direcciones de internet de interés
http://www.fundacion.telefonica.com
http://globalfuturist.com
http://unesdoc.unesco.org