Academic Year: (2021 / 2022)   **Review date: 30/06/2021 10:14:01**

Department assigned to the subject: Computer Science and Engineering Department

Coordinating teacher: GARCIA CRESPO, ANGEL

Type: Compulsory ECTS Credits : 3.0

Year : 1 Semester : 2

DESCRIPTION OF CONTENTS: PROGRAMME

1.- Techniques for the analysis of companies
1.1.- Company goal
1.2.- Internal analysis
1.3.- External analysis
1.4.- Techniques for the analysis of companies
2.- Types of organizational structure.
2.1. Main structures
2.3. Definition of responsibility centres and their role in the organisation
2.3. Managing changes in an organisational structure
Management control concepts for the search for information needs.
3.- Analysis of the information required by an information system.
3.1. Steps required to carry out the analysis
3.2. Analysis of the steps necessary to carry out the analysis of the information required by a
information system.
4.- Management of an information system.
4.1.- Information needs according to the different roles involved in an information system
information.
4.2.- Basic elements of system planning and services available in a department
of systems.
4.3.- Management control concepts for the search of information needs

LEARNING ACTIVITIES AND METHODOLOGY

TRAINING ACTIVITIES

AF1 - Theoretical class [11,66 hours with 100% attendance, 0,38 ECTS].
AF2 - Practical classes [11,66 hours with 100% attendance, 0,38 ECTS]
AF5 - Tutorials [2 hours with 25% of attendance, 0,06 ECTS]
AF6 - Group work [20 hours with 0% attendance, 0,66 ECTS]
AF7 - Individual student work [44,7 hours with 0% attendance, 1,49 ECTS]

TEACHING METHODOLOGIES

MD1 - Class lectures by the professor with the support of computer and audiovisual media, in which and audiovisual means, where the main concepts of the subject are developed and the the subject and the bibliography is provided to complement the students' learning. students' learning.

MD2 - Critical reading of texts recommended by the professor of the subject: press articles
subject: Press articles, reports, manuals and/or academic articles, either for later discussion in class, or to expand and consolidate the knowledge of the subject. consolidate the knowledge of the subject.

MD3 - Resolution of practical cases, problems, etc. .... posed by the teacher individually or in groups.

individually or in groups.

MD4 - Presentation and discussion in class, under the moderation of the teacher of topics related to the content of the subject, as well as case studies. case studies

MD5 - Elaboration of works and reports individually or in groups.

ASSESSMENT SYSTEM

% end-of-term-examination/test: 0

% of continuous assessment (assigments, laboratory, practicals…): 100

The evaluation mission is to determine the degree of fulfillment of learning objectives, therefore all work will be assessed the student, individually or collectively, through ongoing evaluation of its activities through homework and exams, practical work and other activities academic training described above.
There will be a formative assessment through continuous feedback, enabling the student to evaluate what a learner knows and what is expected of him.
The final mark takes into account the student's individual activities and team activities.

SE1 Participation in class -> 10%
SE2 Individual or group work done during the course -> 90%

BASIC BIBLIOGRAPHY

 - Arjonilla Domínguez, Sixto Jesús y Medina Garrido, Jose Aurelio La gestión de los sistemas de información en la empresa, Ed. Pirámide..

 - Charles S Parker Management Information Systems: Strategy and Action, McGraw-Hill Inc.

 - Laudon y Laudon Management Information Systems, Prentice Hall.

 - R. Andreu Estrategia y sistemas de información, Mc Graw Hill.