

Academic Year: (2024 / 2025)

Review date: 24-04-2024

Department assigned to the subject: Computer Science and Engineering Department

Coordinating teacher: DIAZ PEREZ, MARIA PALOMA

Type: Compulsory ECTS Credits : 3.0

Year : 1 Semester : 1

DESCRIPTION OF CONTENTS: PROGRAMME

Creativity and democratization of innovation
Introduction to product design and design process
Creativity techniques
Design process
Design and prototyping patterns, guidelines and artifacts
Usability, usability, usability, acceptance and user experience evaluation models and techniques

ASSESSMENT SYSTEM

% end-of-term-examination:	0
% of continuous assessment (assignments, laboratory, practicals...):	100

Continuous evaluation 100%.

Practical class assignments 40%

Group work 60%

BASIC BIBLIOGRAPHY

- Bruce Hanington Universal Methods of Design: 100 Ways to Research Complex Problems, Develop Innovative Ideas, and Design Effective Solutions, Rockport Publishers , 2012
- Donald A. Norman. The design of everyday things: Revised and expanded edition. , Basic books., 2013
- Toshiharu Taura Creative Design Engineering Introduction to an Interdisciplinary Approach, Elsevier, 2016