

Outside the Box. Critical thinking and problem analysis

Academic Year: (2023 / 2024)

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Department assigned to the subject: Transversal matters

Coordinating teacher: TINEO ALVAREZ, ANGELES

Type: Basic Core ECTS Credits : 3.0

Year : 2 Semester :

Branch of knowledge: Social Sciences and Law

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

None

OBJECTIVES

At the end of the program students will be able to:

- To introduce to the knowledge of the keys and main elements linked to critical thinking.
- To introduce knowledge of the types and models of thinking, their characteristics and the most common possibilities and errors in each case.
- To analyse and promote the main characteristics of critical thinking.
- To stimulate critical thinking, the generation of divergent ideas and innovation.
- To develop a proactive perspective that contributes to detecting, facing and creatively solving different cases and problems.
- To discover, develop and promote critical thinking, innovative attitude and knowledge of causal processes in personal and professional situations.
- Contribute to the comprehensive training and personal development of students.

DESCRIPTION OF CONTENTS: PROGRAMME

1. Introduction. Theoretical foundations of thinking. The human brain and decision-making.
2. Models of thinking. Types of thoughts and associated models. -Recognition and modelling exercises.
3. Critical thinking and creative thinking. Phases of the analysis process. Phases of the creative process. Parallels and divergences.
4. Problem solving. Creative and critical problem solving. Proactivity and innovation.

LEARNING ACTIVITIES AND METHODOLOGY

Teaching hours are distributed in accordance to the following activities:

1. Exposition of different topics related to the program content.
2. Analyses of practical cases.
3. Role-playing.
4. Creation and presentation of practical exercises.

ASSESSMENT SYSTEM

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

Final exam in the official exam session: 0 points.

Continuous assessment: 10 points of the overall grade.

- Attendance at 85% of the classes is compulsory in order to pass the course (i.e. 12 of the 14 classes).
- Active participation in the classes.
- Completion of exercises and practical activities in class and through Aula Global.
- Two written assessment tests: one in the 7th class, a short development test that will deal with the contents worked on in the previous classes; another in the 14th class: a development test on the whole of the syllabus taught in which students must summarise the contents dealt with and draw conclusions on the practical applications of the same at a professional level. They must also write a conclusion and

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

personal self-assessment on the level of development they consider they have reached in the skill to which the subject refers.

- There may be other assessment tests that will be indicated in the weekly planning.

Percentage weight of the Final Exam: 0

Percentage weight of the rest of the evaluation: 10

Please note that, in accordance with current regulations, each enrolment in cross-disciplinary subjects, as in this case, will involve a single call and, in those cases in which the continuous assessment process includes a test, this must be taken during the timetable and in the classroom reserved for classes, as these cross-disciplinary subjects do not have a date reserved in the official exam calendars.

BASIC BIBLIOGRAPHY

- Daley J.E. El arte de pensar fuera de la caja, Independently published., 2022
- De Bono, E. Seis sombreros para pensar , Editorial Planeta, 2019
- Llantada, A. Piensa fuera de la caja: 33 ideas para ejercitar 3 cerebros, Editorial independiente, 2020
- Mondrego Ruiz, L. Érase una vez... La Creatividad. 12 apasionantes relatos que te harán conocer, entender y memorizar las mejores técnicas creativas., editorial independiente , 2021