uc3m Universidad Carlos III de Madrid

Analysis and Decision Making

Academic Year: (2023 / 2024) Review date: 02-06-2023

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

- Identify problems and making diagnosis in complex situations.
- Master the stages and tools for decision making.
- Evaluate diverse alternatives for the same problem.
- Communicate problems and decisions.

DESCRIPTION OF CONTENTS: PROGRAMME

- 1. Introduction to decision making.
- The analysis and previous diagnosis.
- 3. Identification and description of problems.
- Analysis techniques.
- 5. Communication of problems.
- 6. Planning in decision making.
- 7. Establishing objectives.
- 8. The generation and evaluation of alternatives.
- 9. Individual and group decision making (techniques and tools)
- 10. The implementation and monitoring of decisions
- 11. Communication of decisions.

LEARNING ACTIVITIES AND METHODOLOGY

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

ASSESSMENT SYSTEM

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 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.

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

BASIC BIBLIOGRAPHY

- ADAIR, J Toma de decisiones y resolución de problemas, Ed. GEDISA, 1997
- HAMMOND, J.S., KEENEY, R.L. y RAIFFA, H. Decisiones inteligentes, Ed. GESTIÓN, 1999
- KNAPP, J.; ZERATSKY, J. Y BRADEN, K. El método para resolver problemas y testar nuevas ideas sólo en 5 días, Ed Conecta, 2018