# SUBJECT TEACHING GUIDE

## G2033 - Cross-Curricular Values and Objectives of Sustainable Development

## First Degree in Nautical Engineering and Maritime Transport

Academic year 2025-2026

| 1. IDENTIFYING DATA | | | | | |
|---|---|---|---|---|---|
| Degree | First Degree in Nautical Engineering and Maritime Transport | | | Type and Year | Core. Year 1 |
| Faculty | School of Maritime Engineering | | | | |
| Discipline | | | | | |
| Course unit title and code | G2033 - Cross-Curricular Values and Objectives of Sustainable Development | | | | |
| Number of ECTS credits allocated | 6 | Term | Semester based (2) | | |
| Knowledge Field | Industrial engineering, mechanical engineering, automation engineering, industrial organization engineering and navigation engineering | | | | |
| Web | | | | | |
| Language of instruction | Spanish | English Friendly | No | Mode of delivery | Face-to-face |

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|---|---|
| Department | DPTO. DE QUIMICA E INGENIERIA DE PROCESOS Y RECURSOS. |
| Name of lecturer | ALBERTO COZ FERNANDEZ |
| E-mail | alberto.coz@unican.es |
| Office | E.T.S. de Náutica. Planta: + 2. DESPACHO (257) |
| Other lecturers | TOMAS MARTIN HERNANDEZ<br>RAMON GANDARILLAS PEREZ<br>OLGA MARIA CONDE PORTILLA<br>FRANCISCO JOSE CORREA RUIZ<br>PAULA LOPEZ CASADO<br>ROBERTO MARTIN MELON |

| 4. OBJECTIVES |
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| This subject integrates skills and knowledge linked to the Sustainable Development Goals |
| Knowing the knowledge society: legitimate and multidisciplinary use of information and knowledge. |
| Know Human Rights, equality and equity, as well as general volunteering issues. |
| Knowing the Sustainable Development Goals, analysis criteria and tools for decision making. |

## 6. SUBJECT PROGRAM

| CONTENTS | |
|---|---|
| 1 | Topic 1. Legitimate and multidisciplinary use of information and knowledge.<br>1.1. Legitimate use of information<br>1.2. Multidisciplinary use of knowledge |
| 2 | Topic 2. Human Rights and Equity<br>2.1. Human rights<br>2.2. Equality and equity<br>23. Volunteering |
| 3 | Topic 3. Sustainable Development Goals, analysis criteria and tools for decision making.<br>3.1. Sustainability and environmental problems<br>3.2. Sustainable Development Goals<br>3.3. Decision making tools |

## 7. ASSESSMENT METHODS AND CRITERIA

| Description | Type | Final Eval. | Reassessn | % |
|---|---|---|---|---|
| Simulation problems and practical work | Laboratory evaluation | No | Yes | 40,00 |
| Small tasks in class | Others | No | Yes | 20,00 |
| Written exams | Written exam | No | Yes | 40,00 |
| TOTAL | | | | 100,00 |

Observations

Observations for part-time students

Part-time students will have the option of taking continuous assessment by attending 60% of the classes, or going directly to the final and extraordinary exam with a 100% grade.

## 8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

Los objetivos de desarrollo sostenible : hoja de ruta en la educación del siglo XXI : innovación docente en la formación de profesionales. Montserrat Vargas Vergara, Lourdes Aragón. Octaedro Universidad, 2021

Ingeniería para la sostenibilidad: guía práctica para el diseño sostenible. Jonker, Gerald; Harmsen, Jan, 2013

La formación integral del alumnado universitario para responder a los retos de la sostenibilidad y la responsabilidad social. Ana García-Olalla, María José Bezanilla, Arantza Arruti, Susana Romero-Yesa.

Información científica – Conseguir y redactar: 10 guías visuales de la BUC: https://web.unican.es/buc/recursos/guias-y-tutoriales/guia?g=197