



Teaching Guide

| Identifying Data | | | | |
|--------------------------|-------------------------------|--------|----------|-----------|
| | | | 2024/25 | |
| Subject (*) | Control e xestión da calidade | | Code | 631417108 |
| Study programme | Máster en Enxeñaría Marítima | | | |
| Descriptors | | | | |
| Cycle | Period | Year | Type | Credits |
| Official Master's Degree | Yearly | First | Optional | 2 |
| Language | | | | |
| Teaching method | Face-to-face | | | |
| Prerequisites | | | | |
| Department | Enxeñaría Naval e Industrial | | | |
| Coordinador | | E-mail | | |
| Lecturers | | E-mail | | |
| Web | | | | |
| General description | | | | |

Study programme competences / results

| Code | Study programme competences / results |
|------|---------------------------------------|
| | |

Learning outcomes

| Learning outcomes | Study programme competences / results |
|-------------------|---------------------------------------|
| | |

Contents

| Topic | Sub-topic |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tema 1: Requisitos de calidade | Introducción Requisitos a los productos Requisitos a los procesos Manual de calidade: Introducción. ¿Cómo se hace?. Objeto Contenido |
| Tema 2. Auditoría de calidade | Definición Clases Objetivos Desarrollo de una auditoría Requisitos de auditores |
| Tema 3: Control de la calidade | 1. Ciclo PDCA 2. Q7 3. M7: las siete nuevas herramientas 4. Técnicas en planificación 5. Técnicas en control 6. Técnicas para la mejora 7. Técnicas de calidade en compras |

Planning

| Methodologies / tests | Competencies / Results | Teaching hours (in-person & virtual) | Student's personal work hours | Total hours |
|-------------------------|------------------------|--------------------------------------|-------------------------------|-------------|
| Supervised projects | | 20 | 0 | 20 |
| Introductory activities | | 5 | 5 | 10 |
| Personalized attention | | 0 | | 0 |



(*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

| Methodologies | |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Methodologies | Description |
| Supervised projects | Realizaranse traballos relativos a cada un dos temas: un manual de calidade, unha auditoría enerxética e un control de procesos. |
| Introductory activities | Revisión dos principios teóricos necesarios para enetnder a materia: prncipios estadísticos, numéricos...documentación en la industria, normativas. |

| Personalized attention | |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Methodologies | Description |
| Supervised projects | Cada traballo consite en realizar a adaptación dos contidos teóricos á unha empresa real ou ficticio baixo a supervisión do profesor. |

| Assessment | | | |
|---------------------|------------------------|-------------|---------------|
| Methodologies | Competencies / Results | Description | Qualification |
| Supervised projects | | Traballos | 100 |
| Others | | | |

| Assessment comments |
|---------------------|
| |

| Sources of information | |
|------------------------|---------------------------------------------------------------------------------|
| Basic | - José Antonio Orosa García (2008). Control e xestión da calidade. En impresión |
| Complementary | |

| Recommendations |
|-----------------------------------------------------------------------------|
| Subjects that it is recommended to have taken before |
| Aplicación da lei de Weibull ó mantemento do buque/631417201 |
| Indices e xestión do mantemento nos buques mercantes/631417205 |
| Deseño de sistemas de supervisión/631417211 |
| A normativa ISO, e a súa aplicación ao funcionamento das máquinas/631417217 |
| Subjects that are recommended to be taken simultaneously |
| |
| Subjects that continue the syllabus |
| Aplicación da lei de Weibull ó mantemento do buque/631417201 |
| Indices e xestión do mantemento nos buques mercantes/631417205 |
| A normativa ISO, e a súa aplicación ao funcionamento das máquinas/631417217 |
| Other comments |
| |

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