

29739 - Metal Structures

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	434 - Bachelor's Degree in Mechanical Engineering
ECTS	6.0
Course	4
Period	First semester
Subject Type	Optional
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

5.2.Learning activities

5.3.Program

1. Calculation bases .
2. S tructural safety
3. Parts subjected to tension
4. Parts subjected to compression
5. Global b uckling bar structures

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6. Parts subjected to bending
7. Straight guideline parts subjected to torsion
8. Welded joints
9. Bolted connections
10. Supports metallic structures

5.4.Planning and scheduling

5.5.Bibliography and recommended resources