Course guide
205078 - 205078 - Workshop on Fluid Power Transmission Systems

Last modified: 19/04/2023

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 729 - MF - Department of Fluid Mechanics.

Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Optional subject).

Academic year: 2023 **ECTS Credits:** 3.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: Codina Macià, Esteve

Others: Comas Amengual, Angel
Comas Cespedes, Esteve

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

See content in catalan

STUDY LOAD

Type	Hours	Percentage
Hours large group	16,5	22.00
Hours small group	10,5	14.00
Self study	48,0	64.00

Total learning time: 75 h

CONTENTS

Module 1: ANALYSIS

Description:
See content in catalan

Full-or-part-time: 37h
Theory classes: 17h
Self study : 20h

Module 2: DESIGN

Description:
See content in catalan

Full-or-part-time: 38h
Theory classes: 10h
Self study : 28h

GRADING SYSTEM

BIBLIOGRAPHY

Basic:
- Ivantysyn, Jaroslav; Ivantysynova, Monika. Hydrostatic pumps and motors: principles, design, performance, modelling, analysis, control and testing. New Delhi: Tech Books International, cop. 2003. ISBN 9788188305087.

Complementary:
- Heisler, Heinz. Advanced vehicle technology [on line]. 2nd ed. Oxford: Butterworth Heinemann, 2002 [Consultation: 13/05/2022]. Available on: https://ebookcentral-proquest-com.recursos.biblioteca.upc.edu/lib/upcatalunya-ebooks/detail.action?pq-origsite=primo&docID=296757. ISBN 0750651318.