

205078 - TSTP - Workshop on Fluid Power Transmission Systems

Coordinating unit: 205 - ESEIAAT - Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 729 - MF - Department of Fluid Mechanics
Academic year: 2019
Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Teaching unit Optional)
ECTS credits: 3 Teaching languages: Catalan

Teaching staff

Coordinator: Codina Macià, Esteve
Others: Comas Amengual, Angel
Comas Cespedes, Esteve

Learning objectives of the subject

See content in catalan

Study load

Total learning time: 75h	Hours large group:	16h 30m	22.00%
	Hours medium group:	0h	0.00%
	Hours small group:	10h 30m	14.00%
	Guided activities:	0h	0.00%
	Self study:	48h	64.00%

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Content

Module 1: ANALYSIS	Learning time: 37h Theory classes: 17h Self study : 20h
Description: See content in catalan	
Module 2: DESIGN	Learning time: 38h Theory classes: 10h Self study : 28h
Description: See content in catalan	

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: 18/10/2018]. Available on: <<https://ebookcentral.proquest.com/lib/upcatalunya-ebooks/detail.action?docID=296757>>. ISBN 0750651318.

Others resources: