

220292 - Yarns, Filaments and Nonwoven Textiles

Coordinating unit: 205 - ESEIAAT - Terrassa School of Industrial, Aerospace and Audiovisual Engineering
 Teaching unit: 714 - ETP - Department of Textile and Paper Engineering
 Academic year: 2019
 Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2013). (Teaching unit Optional)
 ECTS credits: 5 Teaching languages: Catalan

Teaching staff

Coordinator: FELIX MARSAL AMENOS

Degree competences to which the subject contributes

Specific:

1. Ability to apply multivariate analysis techniques in market knowledge about materials and textiles in order to implement a flow production system.
2. Ability to develop new fibers or yarns and woven and non-woven structures according to specifications and latest technologies for specific technical applications.
3. Ability to manage and optimize production processes of technical textiles.

Learning objectives of the subject

Study load

Total learning time: 125h	Hours large group:	30h	24.00%
	Hours small group:	15h	12.00%
	Self study:	80h	64.00%

220292 - Yarns, Filaments and Nonwoven Textiles

Content

(ENG) Mòdul 1:	Learning time: 90h Theory classes: 20h Laboratory classes: 10h Self study : 60h
(ENG) Mòdul 2:	Learning time: 35h Theory classes: 10h Laboratory classes: 5h Self study : 20h

Planning of activities

(ENG) ACTIVITAT 1: A1	Hours: 62h Theory classes: 15h Laboratory classes: 7h Self study: 40h
(ENG) ACTIVITAT 2: A2	Hours: 28h Theory classes: 5h Laboratory classes: 3h Self study: 20h
(ENG) ACTIVITAT 3: A3	Hours: 35h Theory classes: 10h Laboratory classes: 5h Self study: 20h

Bibliography