

Course guide

220292 - 220292 - Yarns, Filaments and Nonwoven Textiles

Last modified: 19/04/2023

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering

Teaching unit: 714 - ETP - Department of Textile and Paper Engineering.

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

Academic year: 2023 **ECTS Credits:** 5.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: FELIX MARSAL AMENOS

Others:

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.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

STUDY LOAD

Type	Hours	Percentage
Hours large group	30,0	24.00
Hours small group	15,0	12.00
Self study	80,0	64.00

Total learning time: 125 h

CONTENTS

(ENG) Mòdul 1:

Full-or-part-time: 90h

Theory classes: 20h

Laboratory classes: 10h

Self study : 60h



(ENG) Mòdul 2:

Full-or-part-time: 35h

Theory classes: 10h

Laboratory classes: 5h

Self study : 20h

ACTIVITIES

(ENG) ACTIVITAT 1: A1

Full-or-part-time: 62h

Theory classes: 15h

Laboratory classes: 7h

Self study: 40h

(ENG) ACTIVITAT 2: A2

Full-or-part-time: 28h

Theory classes: 5h

Laboratory classes: 3h

Self study: 20h

(ENG) ACTIVITAT 3: A3

Full-or-part-time: 35h

Theory classes: 10h

Laboratory classes: 5h

Self study: 20h

GRADING SYSTEM