



## Course guides

### 220292 - 220292 - Yarns, Filaments and Nonwoven Textiles

Last modified: 29/05/2020

**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:** 2020    **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
Self study	80,0	64.00
Hours small group	15,0	12.00
Hours large group	30,0	24.00

**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

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#### (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

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