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

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>24.00</td>
</tr>
<tr>
<td>Hours small group</td>
<td>15,0</td>
<td>12.00</td>
</tr>
<tr>
<td>Self study</td>
<td>80,0</td>
<td>64.00</td>
</tr>
</tbody>
</table>

Total learning time: 125 h

CONTENTS

(ENG) Mòdul 1:

Full-or-part-time: 90h
Theory classes: 20h
Laboratory classes: 10h
Self study: 60h
Mòdul 2:

Full-or-part-time: 35h
Theory classes: 10h
Laboratory classes: 5h
Self study: 20h

ACTIVITIES

ACTIVITAT 1: A1

Full-or-part-time: 62h
Theory classes: 15h
Laboratory classes: 7h
Self study: 40h

ACTIVITAT 2: A2

Full-or-part-time: 28h
Theory classes: 5h
Laboratory classes: 3h
Self study: 20h

ACTIVITAT 3: A3

Full-or-part-time: 35h
Theory classes: 10h
Laboratory classes: 5h
Self study: 20h

GRADING SYSTEM