



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA
CAMPUS D'ALCOI

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What is this program about?

- Alcoy has been an industrial town during all its history, and it has based the most part of its industry on the textile industry. Due to our experience in this sector, we have made a program with which we are trying to show a new and unknown scope of the industrial engineering. Therefore, we have made an entire didactic program of the four main subjects of our textile degree, taught completely in English.

All this program is made with just one purpose, to teach what we know well, textile engineering.

Who can do this program?

- Any international or resident student interested in this program can include as many subjects of this program as wanted in the learning agreement. The only requirement is to be studying a degree in our university.

Why this program useful for me?

- For everyone is known that nowadays is really important to distinguish yourself from the others when looking for a job. To achieve this purpose, is quite reasonable to study something different and innovative.

Therefore we present you this new program, and we encourage you to study this useful and unknown scope of the industry, the textile engineering.



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Believe in Innovation!

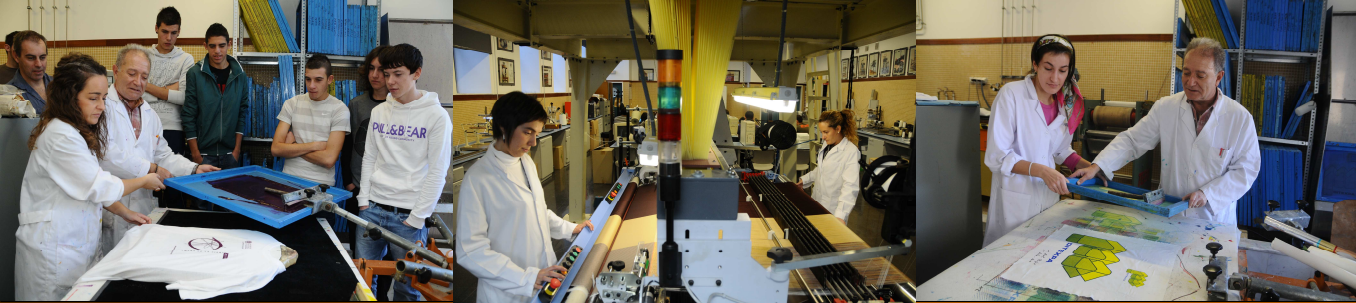
Textile English Teaching Program

Academic year 2012/2013



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Where are we?

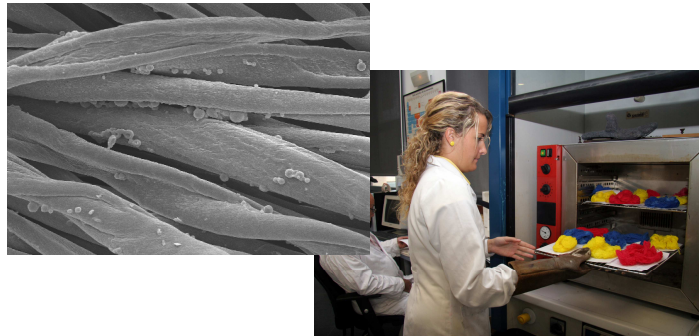
Due to its privileged location, Alcoy is between two airports, Valencia and Alicante. Our city is just one hour away from both airports, and there are many ways to get here using public transport (bus or train).



Subjects:

Materials for textile design

Obviously, there is a wide variety of textile products and each one is designed to cover different functions. In this subject students will know all the properties of different fibres. Once the student knows some fibres individually, he will study how can they be combined in order to design garments and textiles that fit the use they have been designed for.



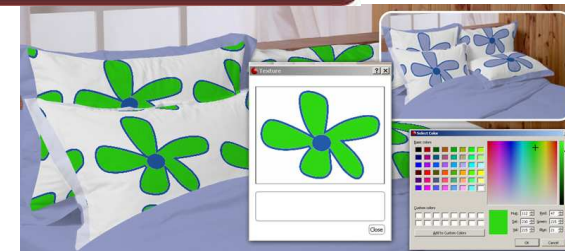
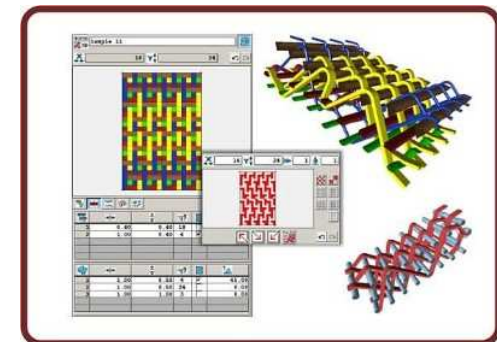
Technical aspects focused on textile products design

Every textile product involves treating fibres in a productive process to obtain a garment. In this subject the student will know which are the technologies that can be used and how the technology can influence the final product design.



Textile products CAD-CAM

A wide variety of design in fabrics is based on the combination of yarns with different colours or printing designs. To be successful in this task nowadays is directly related with computer design. This subject deals with different programs depending on the process required to design, it will be studied both, the one for weaving technology (to combine yarns and structures) and the one for digital printing. Finally, designs created by the student will be used in a program to simulate different environments in 3D such as a living room (armchair, curtains, carpet, etc.)



Textile products design

To be a good designer implies to know all the process since the raw material up to the final product. Thus, different textile products would be selected and student will design the whole industrial process it will need to be performed.

Subjects Explanation

We are glad to present you the four subjects that make up this program. It has to be said that all the subjects are completely taught in English in order to make it accessible for everyone.

Teaching Procedure

The subjects described will be based on practical teaching. There, always will be the study of real products and processes. Some subjects include regular visits to different companies and all of them include laboratory test. It is remarkable, CAD CAM will be taught in a computer classroom with specific software.