



Advanced Technologies for textile and Fashion Industry

The project. MOOC publication.

TEXMODA project aim is **to develop a massive open on-line (to every interested person) course (MOOC) on Novel Technologies for Textile and Fashion Industry.** The target audiences are students and recent graduates of higher education and post-secondary VET institutes that attend or have attended related study fields (clothing and textile industry, fashion) and employees of SME's working in textile and fashion industry.

After 23 months of work, the MOOC (Massive Open Online Course) on **Novel Technologies for Textile and Fashion Industry** soon will be itself a reality, on 10 September 2019 the registration will be opened (www.upvx.es) and on 03 October 2019 it will be active. The audio, documents and tests will be in English, and the participants will have the possibility to choose subtitles in English, Greek, Portuguese and Spanish.

The MOOC will last 8 weeks. One week each unit except two units which last two weeks each. Find below the units of the MOOC:



Erasmus+

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MOOC Content

NEW TEXTILE STRUCTURES AND TECHNOLOGIES- This module comprises a three-hour course lecturing innovative and high performance fibres and yarns for the textile and fashion industry. Woven and knitted structures will also be reviewed.

NANOMATERIALS - The nanomaterials module is constituted by a three-hour course addressing the importance of nowadays textile nanotechnology and their applications in all of their possible dimensions. Some case studies will be offered.

ELECTRONIC TEXTILES - This six-hour course starts with the basic definition within this field and includes a comprehensive review on all the major components of an electrotexile system. Some reliability and washability standards are also tackled.

DIGITAL FASHION DESIGN - This six-hour course encompasses a detailed review on research and trend analysis for the development of a collection. A mini-collection development is to be simulated through the aid of CADs.

SUSTAINABILITY IN DESIGN AND PRODUCTION - This module comprehends a three-hour course involving a thorough explanation of the major concepts in sustainability, environmental management systems and their legal framework. Some financial and social aspects are also addressed.

LOGISTICS AND DISTRIBUTION - This three-hour course deals with the major concepts revolving around the logistics, supply chain, inventories and all the legal and regulatory aspects related to them. An in-depth analysis of the global nature of the logistic and innovative approaches in logistics and distribution is also provided.

*Learn more about the project by visiting our website at www.texmoda.eu and at Facebook profile **TEXMODA***

Next Meeting

The final project meeting will be held in UNIWA, Athens, on the next 13th September.



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IDECSA www.idec.gr



University of Beira Interior <http://www.ubi.pt/>



Universitat Politècnica de València <http://www.upv.es/>



ENSAIT - Ecole Nationale Supérieure des Arts et Industries Textiles <http://www.ensait.fr/>



Lithuanian Apparel and Textile Industry Association <http://www.latia.lt/en/>



Hellenic Clothing Industry Association <https://www.linkedin.com/company/seep/>