

Liverpool John Moores University

Title: Manufacturing Development and Application
Status: Definitive
Code: **5504DFT** (119318)
Version Start Date: 01-08-2012

Owning School/Faculty: Liverpool School of Art & Design
Teaching School/Faculty: Liverpool Community College

Team	Leader
Stuart Borthwick	Y

Academic Level: FHEQ5
Credit Value: 24.00
Total Delivered Hours: 105.00
Total Learning Hours: 240
Private Study: 135

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	4.000
Practical	83.000
Tutorial	8.000
Workshop	10.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Reflection	AS1		50.0	
Artefacts	AS2		50.0	

Aims

To apply, appropriate codes of health and safety to be observed in the studio, workshop.

To extend technical understanding of garment manufacture techniques in relation to the selecting, testing and appropriate use of materials and processes, within context of more advanced manufacturing techniques in relation to Fashion design.

To facilitate the production of garments to a more advanced skill level with

*consideration for specific market levels including production specifications
To make appropriate use of interaction between intention, investigation,
experimentation , problem solving and time management for an individual and
coherent conclusion.*

Learning Outcomes

After completing the module the student should be able to:

- 1 Produce a series of more advanced sample processes via experimentation and evaluation, with consideration to specialist fabrics and production methods for specific market levels.
- 2 Research and select appropriate machinery sourcing of fabrics related to production development for individual project.
- 3 Employ both convergent and divergent thinking to make appropriate use of interaction between intention, experimentation and problem solving to support individual project.
- 4 Plan and produce 3d garments using appropriate skills with consideration of time management including detailed technical specifications and costing, and critical evaluate the process and conclusion.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

reflective Journal	1	2
2 or 3 outfits	3	4

Outline Syllabus

The module will have cumulative activities to build upon technical skills and knowledge related to manufacturing technology gained at level 4, for more advanced manufacturing skills and methods of producing garments for specific markets. The module will aid students in their ability to investigate experiment, analyse and practically produce garments linked to design projects. Students will evaluate final conclusions.

Learning Activities

Activities will encourage students to be self- motivated and working to a more advanced level with experimentation and critical analysis
Coursework will be assessed by the completion of a reflective reference file of a variety of more advanced sample processes and experimentations with considerations of appropriate production and material choices relevant to the making 3d garments. Students will produce 3d garments with detailed production specifications, and evaluation of process and final outcomes.
Students will attend workshop sessions, Listen to lectures and demonstrations and

work with a combination of supervise study and independent learning through practical application, experimentation and analysis.
 On - going informal feedback will be given in weekly practical sessions.

References

Course Material	Book
Author	Cooklin, G.
Publishing Year	2002
Title	Introduction to Clothing Manufacture
Subtitle	
Edition	
Publisher	USA, Blackwell Science
ISBN	

Course Material	Journal / Article
Author	
Publishing Year	
Title	Textile View
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Journal / Article
Author	
Publishing Year	
Title	International Textiles
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Journal / Article
Author	
Publishing Year	
Title	Fashion Weekly
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Journal / Article
Author	
Publishing Year	

Title	Drapers Record
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Journal / Article
Author	
Publishing Year	
Title	Bobbin
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Laing, R.M. & Webster, I.
Publishing Year	1998
Title	Stitches & Seams
Subtitle	
Edition	
Publisher	Textile Institute
ISBN	

Course Material	Book
Author	Gale, C. and Kaur, J.
Publishing Year	2004
Title	Fashion and Textiles
Subtitle	An Overview
Edition	
Publisher	New York, Berg
ISBN	

Course Material	Book
Author	Eberle, H. et al.,
Publishing Year	1999
Title	Clothing Technology
Subtitle	From Fibre to Fashion
Edition	2nd Edition
Publisher	Europa-Lehrmittel
ISBN	

Course Material	Book
Author	Elsasser, V.H.
Publishing Year	2005
Title	Textiles: Concepts and Principles
Subtitle	Concepts and Principles

Edition	2nd Edition
Publisher	USA, Fairchild
ISBN	

Notes

The work produced in this module will provide through practical application, more advanced technical skills and understanding of Garment manufacture in relation to a broader range of fashion sources e.g. styling details and production considerations related to menswear, sportswear, tailoring, modelling etc. as dictated by individual direction and market level. Experimental and analytical approach will support students to the realisation of design ideas and patterns generated in parallel modules.