

Liverpool John Moores University

Title: Pattern Technology
Status: Definitive
Code: **4501DFT** (119309)
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: FHEQ4
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
Portfolio	AS1	Evidence of skills including some styling adaptations and production of pattern and toile	40.0	
Reflection	AS2	Reflective journal of process from working sketch, to construction sheet, to toile and patterns with evaluation of the experimentation and analysis of the process.	60.0	

Aims

To acquaint students, via skill set workshops inductions with appropriate codes of health and safety to be observed in the studio, workshop.

To facilitate sound technical understanding of the principles of pattern cutting in relation to the selecting, testing and appropriate use of materials and processes within context of Pattern Cutting in relation to Fashion design.

To engender students' abilities to analyse and synthesis appropriate processes for sampling 2d and 3d interpretation and to enhance the development of ideas through to final outcomes .

To nurture Independent student learning through reflective processes and self-critical analysis and evaluation

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate a knowledge of the principles and techniques of manual pattern construction techniques for a variety of styling details, fabrics and production requirements
- 2 Select, test, and make relevant use of processes to develop a two dimensional pattern into a three dimensional toile.
- 3 Creatively develop ideas through to a selected solution, with critical analyse of the process.
- 4 Demonstrate the ability to source, select, retrieve, evaluate, manipulate and manage information from a variety of sources.
- 5 Demonstrate knowledge of the practical and analytical skills required for the translation of developed designs into production patterns.

Learning Outcomes of Assessments

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

Portfolio	1	4	
Reflective journal	2	3	5

Outline Syllabus

Observance of good Health and Safety with regard to pattern and toile production, through a variety of skill based workshops. The module will have cumulative activities to introduce and build upon technical skills and knowledge related to the Principles of Pattern Construction. The module will further develop the ability to analyse, interpret and select appropriate methods to produce patterns to realise design interpretations and understanding of production requirements.

Learning Activities

These are tailored to provide appropriate skills to enable students to produce patterns with practical knowledge and understanding of its position within the design

and production process.

Coursework will be assessed by the completion of a reflective reference file of a variety of styling adaptations, and realisation of 2d pattern making into a 3d toile to test styling details.

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 practical sessions.

References

Course Material	Book
Author	Aldrich, W.
Publishing Year	2008
Title	Metric Pattern Cutting for Women's Wear
Subtitle	
Edition	5th ed.
Publisher	John Wiley & Sons
ISBN	101405175672

Course Material	Book
Author	Aldrich, W.
Publishing Year	2007
Title	Fabric, Form and Flat Pattern Cutting
Subtitle	
Edition	2nd ed.
Publisher	John Wiley & Sons
ISBN	101405136200

Course Material	Book
Author	Tomoko Nakamichi
Publishing Year	2010
Title	Pattern Magic
Subtitle	
Edition	
Publisher	Laurence King
ISBN	101856697053

Course Material	Book
Author	Shoben, M. and Ward, JP.
Publishing Year	1994
Title	Pattern Cutting & Making Up for Outerwear Fashions
Subtitle	
Edition	
Publisher	Butterworth Heinemann

ISBN	0750621389
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Course Material	Book
Author	McKelvey, K.
Publishing Year	2006
Title	Fashion Source Book
Subtitle	
Edition	
Publisher	Blackwell
ISBN	0632039930

Course Material	Book
Author	Bray, N.
Publishing Year	2003
Title	Dress Pattern Designing
Subtitle	
Edition	
Publisher	Blackwell
ISBN	063206501x

Notes

The work produced in this module will provide sound technical understanding of the principles of pattern cutting in relation to, constraints of fabric and production considerations, forming a skills base of knowledge that, through experimental and analytical approach will support students to the realisation of design ideas generated in parallel modules.