

## Liverpool John Moores University

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Title: Technical Visualisation and Exploration  
Status: Definitive  
Code: **5602DFT** (122876)  
Version Start Date: 01-08-2018

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

Team	Leader
Fiona Armstrong-Gibbs	Y

**Academic Level:** FHEQ5      **Credit Value:** 20      **Total Delivered Hours:** 90  
**Total Learning Hours:** 200      **Private Study:** 110

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	4
Practical	74
Tutorial	4
Workshop	8

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Experimentation with advanced pattern cutting, textiles fabrication and CAD applications.	50	
Artefacts	AS2	Samples and toiles, and visualisation of final outcomes.	50	

### Aims

*To extend technical understanding of more advanced pattern cutting techniques adhering to safe working practice.*

*To extend technical understanding of more advanced manufacturing techniques adhering to safe working practices in relation to Fashion design.*

*To extend CAD understanding and application to enhance and present design process and concept.*

*To experiment with pattern cutting and fabrication of textiles to enhance individual responses to design briefs.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Experiment with a series of advanced pattern adaptations using appropriate principles of pattern cutting.
- 2 Experiment with textile fabrication to enhance design processes.
- 3 Create 2D patterns and 3D toiles for individual interpretation of design project.
- 4 Create a series of visual documentation for project briefs via digital and 2D outputs.

## **Learning Outcomes of Assessments**

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

Artefacts	1	2
Artefacts	3	4

## **Outline Syllabus**

*Good health and safety practice will be employed throughout the skill based workshops as part of this module. The module will have cumulative activities to build upon technical skills and knowledge related to the Principles of Pattern Cutting and Garment Construction gained at level 4, for more advanced styling adaptations and methods of producing patterns including modelling and draping. Students will also develop their skills in fabricating individual textile and fabric responses to design briefs. Throughout, this module, students will investigate and experiment, evaluate their progress and respond with a range of design developments and ideas linked to design projects. Students will also be introduced to more advanced CAD skills for presentation and communication of their ideas by using more image visualisation and manipulations tools and techniques.*

## **Learning Activities**

These are tailored to enable students to gain appropriate skills 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 more advanced styling adaptations with appropriate

production considerations. Student will produce patterns and toile to test styling details. Students will attend CAD 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.

## **Notes**

The work produced in this module will provide through practical application, more advanced technical skills. Experimental and analytical approach will support students to the realisation of design ideas generated in parallel modules.