Liverpool John Moores University

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Title:	Technical Development and Application
Status:	Definitive
Code:	**5603DFT** (122877)
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 2

Component	Contact Hours
Lecture	4
Practical	67
Tutorial	4
Workshop	15

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Develop a series of samples and toiles, demonstrating complex technical applications related to mini collection of 2/3 outfits.	50	
Portfolio	AS2	Completed construction Sheets, patterns for 2 / 3 outfits with critical analysis of the process and outcome. Communicate technical specification by applying CAD skills.	50	

Aims

To demonstrate appropriate codes of health and safety in the studio.
To make appropriate use of interaction between intention, investigation, experimentation , problem solving in relation to the selecting, testing and appropriate use of materials and processes.
To facilitate the production of toiles and finished garments to a more advanced skill level with consideration for specific market levels including production specifications.

To manage project in a timely manner 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	Plan and produce 2D patterns, toiles and 3D garments using appropriate skills including detailed technical specifications and costing.
4	To critically evaluate the process and conclusion by demonstrating the interaction between intention, investigation, experimentation, problem solving and time management.

Learning Outcomes of Assessments

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

Artefacts	1	2
Portfolio	3	4

Outline Syllabus

Good health and safety practices will be employed throughout the workshop as part of this module. The students will have cumulative activities to build upon technical skills and knowledge related to pattern cutting and manufacturing technology gained during semester 1, for more advanced manufacturing skills and methods of producing garments for specific markets. The design brief will relate to a specific market sector. Students will engage in researching and testing appropriate techniques of production and finishes related to their market sector. The module will support students in their ability to investigate, experiment, and analyse their progress. Students will practically produce garments linked to design projects. The outcomes, will be professionally presented and all the technical specifications related to their brief will be produced by applying CAD skills.

Learning Activities

Activities will encourage students to be self- motivated and working to a more advanced level with experimentation and critical analysis. Students will source appropriate materials to help with the production of pattern for specific market sector. Students will focus on construction and finishes techniques. Students will present their technical development in a file, by collecting evidence of sourcing materials, fabrics, techniques and by presenting a variety of more advanced pattern and 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.

Notes

Students will demonstrate their advanced technical skills by presenting professionally a technical pack supporting their design projects.