THE UNIVERSITY OF MANCHESTER
Programme Unit Specification

1. GENERAL INFORMATION

Title	Advanced Clothing technology
Unit code	MATS 24032
Credit rating	10
Level	2
Semester(s)	2
Pre-requisite units	Introduction to Clothing technology, Applied Clothing Technology
Co-requisite units	
School responsible	Materials (Textiles & Paper Group)
Member of staff responsible	Mr Stuart Barker
Other staff involved	

2. AIMS

The programme unit aims to:

This unit builds on the applied clothing technology module and introduces further production techniques used in the fashion industry and incorporates quality issues around the selection of garments for retailer buying such as finishing applications and procedures in womenswear, machine bed types, transfer lines, work and production issues, etc.

3. BRIEF DESCRIPTION OF THE UNIT

The unit will develop in the students the following: (Knowledge and understanding)TA2, 3,5,10,11,14, (Intellectual skills)TB1,2,3,5,6,9, (Practical skills)TC3,4,6,10 and (Transferable skills and personal qualities)TD3,8. The syllabus will include the following: stitch formations, machine types and bed types and feed mechanisms.

4. INTENDED LEARNING OUTCOMES *(include unit-specific and contribution to programme)*

Category of outcome	***On completion of this unit, students should be able to:***
Knowledge and understanding	▪ Demonstrate knowledge of the basic engineering principles underlying the production of finished clothing products; ▪ Demonstrate an understanding of the mechanical behaviour of textile materials, including performance-related properties such as degradation, durability and wear of differing stitching methods. ▪ Demonstrate an understanding of the appropriate manufacturing processes for specific textiles and clothing applications
Intellectual skills	▪ communicate their subject-knowledge and expertise effectively within an industrial environment
Practical skills	▪ safely use appropriate manufacturing systems to produce clothing products

	▪ employ materials, media, techniques, methods, technologies and tools associated with the discipline, whilst observing good, safe working practices ▪ an ability to identify and employ appropriate sources of information
Transferable skills and personal qualities	▪ communicate effectively in writing and orally

5. LEARNING AND TEACHING PROCESSES (*methods of delivery*)

- Lectures
- Practical workshops

6. ASSESSMENT

Assessment task	Length	Weighting within unit (if relevant)
Assessed coursework 1 written test and 1 practical portfolio		2x50=100%

Date of current version	12/03/10