



UNIVERSITI TEKNOLOGI MARA

FES308: FASHION CAM : PATTERN TECHNOLOGY

Course Name (English)	FASHION CAM : PATTERN TECHNOLOGY APPROVED
Course Code	FES308
MQF Credit	2
Course Description	This course will expose students to the uses of higher technology aided system incorporating with the apparel industry standards. Students are guided through learning the technical aspects of pattern development processes using Computer Aided Manufacturing system.
Transferable Skills	Computer Aided Design
CLO	CLO1 Identify knowledge in pattern development using Computer Aided Manufacturing (CAM) system and apparel production process flow. CLO2 Develop technical skill of garment production using pattern technology system. CLO3 Produce a technical portfolio in line with clothing industrial needs.
Pre-Requisite Courses	No course recommendations
Topics	
1. TOPIC 1: Introduction to CAD/CAM System 1.1) CAD/CAM work station 1.2) System and function in apparel production	
2. TOPIC 2: PATTERN DESIGN SYSTEM 2.1) Pattern drafting 2.2) Pattern manipulation 2.3) Pattern digitizing	
3. TOPIC 3: Topic 3 GRADING 3.1) Measurement and size chart 3.2) Basic manual grading 3.3) Grading nest and graded pattern	
4. TOPIC 4: MARKER LAY-OUT PLAN 4.1) Auto lay-out plan 4.2) Scale marker 4.3) Marker lay-out efficiency and fabric consumption	
5. TOPIC 5: TECHNICAL BOARD PRESENTATION 5.1) Three (3) Final design Technical board 5.2) Final design 5.3) Technical drawing 5.4) Colour scheme 5.5) Fabric swatches	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Individual Project	PROJECT 2: PATTERN DESIGN SYSTEM-DIGITIZING • Pattern digitizing	10%	CLO2
	Individual Project	PROJECT 3: PATTERN DESIGN SYSTEM-GRADING • Measurement and size chart, basic manual grading, grading nest and graded pattern	10%	CLO2
	Individual Project	PROJECT 5: TECHNICAL BOARD • Two Final Design	10%	CLO3
	Individual Project	PROJECT 1: PATTERN DESIGN SYSTEM-DRAFTING • Drafting, manipulation	15%	CLO1
	Individual Project	PROJECT 4: MARKER LAY-OUT PLAN • Manual and auto lay-out plan	15%	CLO3
	Portfolio/Log Book	FOLIO COMPILATION AND PRESENTATION	20%	CLO3
	Presentation	DISCIPLINE • Attitude • Time management • Attendance and participation in class	20%	CLO3

Reading List	Recommended Text	<ul style="list-style-type: none"> Patrick J. Taylor 1990, <i>Computers in the fashion industry</i>, Butterworth-Heinemann [ISBN: 0434919160]
	Reference Book Resources	<ul style="list-style-type: none"> A. J. Chuter 1988, <i>Introduction to Clothing Production Management</i>, Wiley-Blackwell [ISBN: 0632018275] Sharon Lee Tate 1989, <i>Inside Fashion Design</i>, HarperCollins Publishers [ISBN: 0060466782] Cooklin, <i>Garment Technology for Fashion Designers Epz Edition</i> [ISBN: 0632056959] 2000, <i>Carr and Latham's Technology of Clothing Manufacture</i>, Wiley-Blackwell [ISBN: 0632052481] Leslie Davis Burns, Nancy O. Bryant 1997, <i>The Business of Fashion</i>, Fairchild Books [ISBN: 1563670739] Patricia Kay Brown, Patty Brown, Janett Rice, <i>Ready-to-wear Apparel Analysis</i> [ISBN: 0130254347]

Article/Paper List	This Course does not have any article/paper resources
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Other References	This Course does not have any other resources
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