



## UNIVERSITI TEKNOLOGI MARA

### FES154: BASIC PATTERN AND SAMPLING

<b>Course Name (English)</b>	BASIC PATTERN AND SAMPLING <b>APPROVED</b>
<b>Course Code</b>	FES154
<b>MQF Credit</b>	3
<b>Course Description</b>	This course covers basic concepts and principles of clothing construction. Students will be oriented of common rules of workshop operation, safety, hazard and risk. They also will be introduces to tools and train basic sewing techniques. Focus is on producing basic block pattern and relation between flat pattern and 3D body form.
<b>Teaching Methodologies</b>	Lectures, Lab Work, Studio, Workshop
<b>CLO</b>	CLO1 Practice workshop rules, safety, hazard and risk CLO2 Use the tools and acquire basic sewing skill CLO3 Apply basic pattern making principles, processes and techniques CLO4 Produce basic blocks, sampling and do simple fitting
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Sewing workroom</b> 1.1) 1. Sewing Tools, equipment and their uses 1.2) 2. Machine operation 1.3) 3. Safety and Health	
<b>2. Sampling</b> 2.1) 1. Basic sewing techniques for woven 2.2) Hand and machine stitching 2.3) Seam, hemming and trimming 2.4) Neckline, fastening and finishing 2.5) Pocket and flap 2.6) pleat, gathers, flare, godet 2.7) 2. Knitted 2.8) seam and hemming 2.9) 3. Leather and PVC 2.10) seam and hemming and finishing	
<b>3. Introduction to basic pattern</b> 3.1) 1. Body structure, sizing systems and measurement 3.2) 2. Drafting basic bodice blocks 3.3) • Bodice 3.4) • Sleeve 3.5) • Skirt 3.6) 3. Term and pattern instructions 3.7) 3.8) 4. Garment assembly 3.9) 1. Pattern lay out and cutting 3.10) 2. Making up toile Bodice, sleeve and skirt 3.11) 3. Toile and fitting 3.12) 4. Block	
<b>4. Speed Test</b> 4.1) Pattern drafting and Sewing test	

Assessment Breakdown	%
Continuous Assessment	100.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assignment 1 (Report) This will require students to search a rules and regulation for workshop and the function of all the tools and type/function of machinery and present it in verbally.	10%	CLO1
	Assignment	Tests (SPEED TEST) This test will tap on the students' understanding on the topics that they have learned	10%	CLO4
	Assignment	Assignment 2 (Sampling Folio) This will require students to produce a complete basic samples folio with correct labeling.	30%	CLO2
	Assignment	Assignment 3 (Basic Block) This will require students to produce basic bodice blocks, making up and do simple fitting	50%	CLO3

Reading List	Recommended Text	Reference Book Resources
	<ul style="list-style-type: none"> <li>Winifred Aldrich 2008, <i>Metric Pattern cutting for women"s wear</i>, Fifth Edition Ed., Blackwell Publishing, Oxford, UK. UK [ISBN: 978-140517567]</li> </ul>	<ul style="list-style-type: none"> <li>Helen Joseph Armstrong 2009, <i>Patternmaking for Fashion Design</i>, Fifth Edition Ed., Prentice Hall [ISBN: 9780136069348]</li> <li>Wendy Gardiner 2003, <i>The Encyclopedia of Sewing Techniques</i>, Running Press Philadelphia, PA [ISBN: 0762416513]</li> <li>Lorna Knight 2008, <i>The Sewing Stitch and Textile Bible</i>, Page One Publishing PTE LTD Singapore [ISBN: 9789812751089]</li> <li>Maxine Henry 2003, <i>The A-Z of the Sewing Machine</i>, Sterling Publishing Company London [ISBN: 0713487534]</li> <li>Sandy Scrivano 2001, <i>Sewing with Leather &amp; Suede</i>, Lark Books New York [ISBN: 1579902731]</li> <li>Marcy Tilton 1995, <i>Easy Guide to Sewing Skirts</i>, Taunton [ISBN: 1561580880]</li> <li>San...[et al] 2007, <i>Workplace Safety and Health</i>, LexisNexis Singapore [ISBN: 9789812365859]</li> </ul>
<b>Article/Paper List</b>	This Course does not have any article/paper resources	
<b>Other References</b>	This Course does not have any other resources	