



**UNIVERSITI TEKNOLOGI MARA**

**FES454: PATTERN MANIPULATION**

<b>Course Name (English)</b>	PATTERN MANIPULATION <b>APPROVED</b>
<b>Course Code</b>	FES454
<b>MQF Credit</b>	2
<b>Course Description</b>	The course provides theoretical and practical knowledge for students to understand the principles of pattern manipulation and the processes involved in managing garment productions. Students are to gain skills in advance application of various types and techniques of pattern manipulation. They would be able to apply terminologies used in garment productions and practice the discipline of garment production processes. Students will also continue to discover the variety of patterns in ladies' apparel, material suitability and will be exposing to a new dimension of industrial working discipline. It will also encourage students to understand and to have the liberty to be creative in creating new shapes through cutting and making.
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Demonstrations, Workshop, Supervision
<b>CLO</b>	<p>CLO1 Usage of the terminologies of garment processes as applied in the fashion industries.</p> <p>CLO2 Justify the intermediate level of pattern manipulation and the processes of garment making.</p> <p>CLO3 Apply advanced steps in pattern techniques and develop creativity to produce original design features.</p> <p>CLO4 Define the rules and principles used in advanced pattern.</p> <p>CLO5 Describe body sections and functions in relation to creative design forms and shapes. (P2)</p> <p>CLO6 Categorize various pattern types for different fashion items, sizes and functions.</p>
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Introduction to Pattern Manipulation and Production Processes.</b>	
2.1) n/a	
<b>2. Introduction to Dart manipulation for Flat Pattern</b>	
2.1) n/a	
<b>3. Application, calculation and construction, implementation and test-</b>	
3.1) n/a	
<b>4. Terms used for constructing sleeves and its function.</b>	
4.1) n/a	
<b>5. Variation of sleeves</b>	
5.1) n/a	
<b>6. Variation of Collars</b>	
6.1) n/a	
<b>7. Variations of Skirts</b>	
7.1) n/a	
<b>8. Jumpsuit</b>	
8.1) n/a	
<b>9. Sizing Systems</b>	
9.1) n/a	
<b>10. Manual Grading</b>	
10.1) n/a	

<b>11. Costing</b> 11.1) n/a
<b>12. Full lined dress</b> 12.1) n/a
<b>13. Finishing and refinement of work</b> 13.1) n/a
<b>14. Preparation for Final Assessment and Presentation</b> 14.1) n/a

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	Assessment on pattern manipulation	15%	CLO1 , CLO2 , CLO3 , CLO4 , CLO5 , CLO6
	Assignment	Assessment on variation of sleeve	15%	CLO1 , CLO2 , CLO3 , CLO4 , CLO5 , CLO6
	Assignment	Assessment on various type of collar and neck line	15%	CLO1 , CLO2 , CLO3 , CLO4 , CLO5 , CLO6
	Assignment	Assessment on Various type of skirt and waist band.	15%	CLO1 , CLO2 , CLO3 , CLO4 , CLO5 , CLO6

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> <li>• Amaden-Crawford, Connie 2000, <i>Guide to Fashion Sewing</i>, Fairchild Publication</li> <li>• Philips, Judy 2002, <i>New Complete to Sewing</i>, Readers Digest</li> <li>• Aldrich, Winifred 2004, <i>Metric Pattern Making</i>, Blackwell Publishing</li> <li>• Joseph-Armstrong, Helen 2004, <i>Pattern Making for Fashion Design</i>, Pearson Prentice Hall</li> </ul>
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources