



Subject: Pattern Making I – BDETD12306

Type of course: Major (Core)

Prerequisite: Basic knowledge of stitching tools as recommended.

Rationale: This course covers Introduction of body measurement. The basic bodices Front/ Back. Necklines, sleeves, collar, skirt drafting, cutting and stitching.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks					Total Marks
CI	T	P		C	Theory Marks		Practical Marks (E)		
			ESE		MSE	V	P	ALA	
1	2	2	4	00	00	10	40	50	100

Legends: CI- Classroom Instructions; T – Tutorial; P - Practical; C – Credit; ESE - End Semester Examination; MSE- Mid Semester Examination; V – Viva; CA - Continuous Assessment; ALA- Active Learning Activities.

Course Content

Sr. no.	Course content
1	Unit—1 Introduction to Pattern making 1.1 Pattern making A. History of pattern making B. Patter making terminologies C. Pattern making tools D. Understanding of Body and Its Measurements 1.2 Methods of Pattern Making. A. Drafting method B. Flat Pattern method 1.3 Types of Blocks 1.4 Pattern making in today's world



2	<p>Unit– 2 Techniques of Pattern Making</p> <p>2.1 Material used for Flat Pattern</p> <p>2.2 Draft Children Bodice Block, Sleeve & Skirt</p> <p>2.3 Draft Adult Bodice Block, Sleeve & Skirt</p> <p>2.3 Methods of Flat Pattern</p> <p>A. Pivot method</p> <p>B. Slash method</p>
3	<p>Unit-3 Pattern Adaptation for Kids (Pivot, Slash and Spread method, & adding fullness)</p> <p>3.1. Sleeve:</p> <p>A. Plain</p> <p>B. Puff</p> <p>C. Cap</p> <p>D. Leg-o-mutton</p> <p>3.2. Skirt:</p> <p>A. Gathered</p> <p>B. A-line</p> <p>C. Dirndl</p> <p>D. Balloon</p> <p>3.3 Collars</p> <p>A. Peter pan</p> <p>B. Cape</p> <p>C. Bishop</p> <p>D. Sailors</p>
4	<p>Unit-4 Pattern Adaptation for Adult (Pivot, Slash and Spread method, & adding fullness)</p> <p>4.1. Darts</p> <p>A. Single dart series</p> <p>B. Two dart series</p> <p>C. Centre front Neck & waist</p> <p>D. Asymmetric dart</p> <p>E. Intersecting dart</p> <p>4.2. Collars</p> <p>A. Basic shirt collar</p> <p>B. Mandarin</p> <p>C. Roll collar</p> <p>4.3. Varieties of Skirt</p> <p>4.4. Varieties of Sleeves</p> <p>4.5 Cuffs</p>
5	<p>Designing a collection incorporating pattern making techniques</p>



Continuous Assessment:

	Active Learning Activities	Marks
1	Prepare sample –Prepare any one sample using one Flat Pattern Method which you have learn in class and upload on GMIU web portal	10
2	Prepare sample –Prepare any one sample of latest sleeve and Collar design other then you have learn in class and upload on GMIU web portal	10
3	Prepare design – Make any Five Skirt design. Design will give by faculty and upload that on GMIU web portal	10
4	Child Design – Make a conceptual Pattern for a Kid, Photoshoot it and Upload the project on GMIU web portal	10
5	Attendance	10
	Total	50

Suggested Specification table with Marks (Theory):NA

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application(A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	NA	NA	NA	NA	NA	NA

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Course Outcome:

After learning the course, the students should be able to:	
CO1	Understand fundamental pattern-making techniques, tools, and bodice
CO2	Acquire the skills of drafting children's Bodice Block as per standard size.



CO3	Explain the use of simple tools essential for professional garment construction.
CO4	Identify the quality in terms of garment manufacture.
CO5	Apply various methods of garment construction.

List of Practical

Sr. No	Description	Unit No	Hrs.
1	Explain Pattern making terminologies Any 5 with supportive image .	1	2
2	Write & Compare different Brands standard measurement chart and your own body measurement.	1	2
3	Make a Basic Bodice of Kid from Standard Measurement Front/Back	2	2
4	Make a Basic Sleeve Bodice of Kid from Standard Measurement	2	2
5	Make a Basic Skirt & Bottom Bodice of Kid from Standard Measurement Front/Back	2	2
6	Make a Basic Bodice of Adult from Standard Measurement Front/Back	2	2
7	Make a Basic Sleeve Bodice of Adult from Standard Measurement	2	2
8	Make a Basic Skirt & Bottom Bodice of Adult from Standard Measurement Front/Back	2	2
9	Shift One, two & three dart by pivot method (3 samples).	2	2
10	Shift One, two & three dart by slash method. (3 samples).	2	2
11	Combine two darts and three darts by pivot method. (2samples)	2	2
12	Combine two darts and three darts by slash method.(2samples)	2	2
13	Divide one dart and two darts by pivot method and Slash method (2 samples each method)	2	2
14	Combine dart and convert into seams. (2 samples)	2	2
15	Combine dart and convert into gathers and also into different shape of yoke (4 sample)	2	2
16	Prepare a set of sleeve Pattern for Kids through Pivot, Slash and Spread method, & adding fullness <ul style="list-style-type: none"> • Plain • Puff • Cap • Leg-o-mutton 	3	4



17	Prepare a set of Collar Pattern for Kids through Pivot, Slash and Spread method, & adding fullness <ul style="list-style-type: none"> • Peter pan • Cape • Bishop • Sailors 	3	4
18	Prepare a set of Dart series for Adult through Pivot, Slash and Spread method, & adding fullness <ul style="list-style-type: none"> • Single dart series • Two dart series • Centre front Neck & waist • Asymmetric dart • Intersecting dart 	4	4
19	Prepare raised collars for Adult (Total 5 collars) <ul style="list-style-type: none"> • Chinese collar (mandarin collar) • Shirt Collar • Roll collar • Polo collar 	4	4
20	Prepare non-set in sleeves through adaptation from basic bodice of Adult garment (Total 6 sleeves) <ul style="list-style-type: none"> • Kimono • Raglan pointed • Raglan with round base • Square • Magyar • Dolman 	4	4
21	Drafting of kurta for women's wear	4	2
22	Prepare skirts through slash method and drafting method. <ul style="list-style-type: none"> • Skirt with fullness at top (Gathered skirt) • Skirt with fullness at bottom (Flared skirt) • Skirt with fullness at top & bottom (Tiered skirt) • Skirt with yoke, & belt and facing • Half umbrella (Half Circular) • Full umbrella (Full Circular) • Skirt with panels 	4	4
23	Make one final Garment using one of method of pattern making Creatively	5	4
Total			60

Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

Reference Books:

- [1] Dress Making (By Alison Smith)
- [2] Elements of Fashion & Apparel (By G. J. Sumathi)
- [3] "The Sewing Book"(By Alison Smith)
- [4] The Fitting Book (Gina Renee Dunham)

