


**DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY  
FIRST SEMESTER**

	<b>Course Title: PATTERN DRAFTING AND CONSTRUCTION-I PRACTICAL</b>		
	<b>Credits (L:T:P) : 0:2:4</b>	<b>Total Contact Hours: 78</b>	<b>Course Code: 15FT14P</b>
	<b>Type of Course: Tutorial, Practice</b>	<b>Credit :03 SEE- 50 Marks CIE- 25 Marks</b>	<b>Core/ Elective: Core</b>

**Prerequisites: Knowledge of basic apparel drafting**

**COURSE OBJECTIVES**

- 1 To know the principles of drafting on paper**
- 2 To comprehend the drafting procedure for various components**
- 3 To understand the pattern construction of various components.**
- 4 To analyze and apply drafting principles**

**At the end of the course the students should be able to:**

<b>Course Outcomes</b>	
<b>CO1</b>	Ability to recognize and use various tools and equipments as per requirement
<b>CO2</b>	Understand to relate measurements to the particular component
<b>CO3</b>	Create a measurement chart as required for pattern making
<b>CO4</b>	Draft and Construct patterns of various component as per the Design s
<b>CO5</b>	To analyze, evaluate and apply various measurements in pattern making.

## Mapping Course Outcomes with Program Outcomes:

### CO –PO mapping

	Course Outcome	Experiment linked	PO Mapped	Cognitive Level	Lab Sessions
CO1	Ability to recognize and use various tools and equipments as per requirement	1,2,3,4	1,2,3,	R/U	10
CO2	Understand to relate measurements to the particular component	3,4,5,6	1,2,4,6,8	U/A	18
CO3	Create a measurement chart as required for pattern making	4,5	1,3,4,5,9,10	U/A	16
CO4	Draft and Construct patterns of various component as per the Designs	2,3,4,5,6	3,4,7,8,9,10	R/U/A	16
CO5	To analyze, evaluate and apply various measurements in pattern making.	2,3,4,5,6	3,5,8,9,10	R/U/A	12
<b>Total Hours of instruction</b>					<b>78</b>

### U-Understanding; A-Analysis; App-Application

#### Course outcomes –Program outcomes mapping strength

Course	Programme Outcomes									
	1	2	3	4	5	6	7	8	9	10
Applied Science lab	3	2	3	3	3	3	3	3	3	3

Level 3- Highly Addressed, Level 2-Moderately Addressed, Level 1-Low Addressed.

Method is to relate the level of PO with the number of hours devoted to the COs which address the given PO.  
 If  $\geq 40\%$  of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 3  
 If 25 to 40% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 2  
 If 5 to 25% of classroom sessions addressing a particular PO, it is considered that PO is addressed at Level 1  
 If  $< 5\%$  of classroom sessions addressing a particular PO, it is considered that PO is considered not-addressed.

### CONTENT

Unit	Major Topics	Hours Allotted
1	LINES AND SHAPES	6
2	CONSTRUCT THE PATTERNS	9
3	NECK LINES	9
4	SLEEVES	16

5	<b>PLACKETS, CUFFS, POCKETS</b>	<b>16</b>
6	<b>COLLARS</b>	<b>12</b>
7	<b>TEST</b>	<b>4</b>
	<b>TOTAL</b>	<b>78</b>

#### **UNIT-I**

##### **LINES AND SHAPES**

**6hrs**

- 1.1 Practice different shapes-straight line, horizontal line, vertical lines, curve shapes, square etc on the Melton cloth.
- 1.2 Practice above drafting on Kraft paper.

#### **UNIT-II**

##### **CONSTRUCT THE PATTERNS OF THE FOLLOWING**

**9hrs**

- 2.1 Prepare the swatch of 10cms /10cms using Kraft paper
- 2.2 Straight line, curve line, parallel line, concentric curves, squares etc

#### **UNIT III**

##### **NECK LINES**

**9 hrs**

- 3.1 Draft and Construct the Patterns of following using craft paper
- 3.2 Five basic neck lines for girls and ladies garments
- 3.3 Five decorative neck lines for girls and ladies garments

#### **UNIT IV**

##### **SLEEVES**

**16hrs**

- 4.1 Draft and Construct the Patterns of following using Kraft paper
- 4.2 Plain, Puff, Bell, Circular, Leg-o-mutton, Pleated sleeve, Cape sleeve

#### **UNIT-V**

##### **PLACKETS, CUFFS, POCKETS**

**16hrs**

- 5.1 Draft and Construct the Patterns of following using craft paper
- 5.2 Plackets- blouse, Kurtha, full open shirt full sleeve placket
- 5.3 Cuffs-French, Tailored, Fashionable
- 5.4 Pockets-Five patch pockets, one flap pocket

#### **UNIT VI**

##### **COLLARS**

**12 hrs**

- 6.1 Draft and Construct the Patterns of following using craft paper
- 6.2 Collars-open, tie, PeterPan, stand, Sailor, Bertha

### MINI PROJECT: FOR ANY ONE OF THE FOLLOWING

1. NECK LINES
2. SLEEVES
3. PLACKETS, CUFFS, POCKETS
4. COLLAR

### COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
<b>DIRECT ASSESSMENT</b>	CIE- Continuous Internal Evaluation	IA Tests	Students	Two IA (Average marks of two IA tests are considered)	10	Blue Books	<u>1 to 5</u>
				Record (Average marks of each exercise to be computed)	10	Record Book	
		Class room Assign ments		Class room Assignments	05	Log of Activity	<u>1&amp;2</u>
				TOTAL	25		
	SEE- Semester End Examination	End Exam	End Of the Course	50	Answer Scripts	ALL CO's	
<b>INDIRECT ASSESSMENT</b>	Student Feedback on course		Students	Middle Of The Course	Feed Back Forms		
	End of Course Survey			End Of The Course	Questionnaire	ALL CO's	

\*CIE – Continuous Internal Evaluation

\*SEE – Semester End Examination

#### Note:

1. I.A. test shall be conducted as per SEE scheme of valuation. However obtained marks shall be reduced to 10 marks. Average marks of two tests shall be rounded off to the next higher digit.
2. Rubrics to be devised appropriately by the concerned faculty to assess Student activities.

Question for CIE and SEE will be designed to evaluate the various educational components  
Such as

Remembering and understanding	: 25% weight age
Applying the knowledge acquired from the course	: 25% weight age
Analysis	: 10% weight age
Evaluation	: 25% weight age
Creating new knowledge	: 15% weight age

#### Reference Books

1. Complete guide to sewing –Reader Digest
2. Art of Sewing

## PATTERN DRAFTING AND CONSTRUCTION- I PRACTICAL

### Scheme Of Evaluation

**Time:- 3 hours**

**Marks :-50**

**I Draft & Construct the paper patters of the following components**

**Q. No 1 Two basic & Two decorative neck line [20 marks ]**

**Q. No 2 Umbrella sleeves & Puff sleeves**

**Measurements:- sleeve length =12 cm ,Chest =64 cm [ 20 marks ]**

**Q.No3 Tie collar Measurements;-neck circumference=30 cm [10 marks]**

### LIST OF TOOLS, MACHINARIES AND EQUIPMENTS

SL.NO	PARTICULARS	QUANTITY
1	Plastic / Metal L Square	24
2	Plastic French curve with Shaper	24
3	Display Board, Flipchart Board	04