

DIPLOMA IN APPAREL DESIGN AND FABRICATION TECHNOLOGY
SIXTH SEMESTER

	Course Title: ADVANCED PATTERN ILLUSTRATION -VI		
	Credits (L:T:P) : 4:0:0	Total Contact Hours:52	Course Code: 15FT61T
	Type of Course: Lectures, Self Study & Quiz	Credit :04 SEE- 100 Marks CIE- 25 Marks	Core/ Elective: Core

Prerequisite: Knowledge of pattern making

Course Objectives:

1. **Modify the basic patterns**
2. **To transfer various pattern technique on garments**
3. **Manipulate the darts and tucks**
4. **Assemble the components using draping method**
5. **Create garments using draping technique.**

Course Outcomes		CL	Linked PO	Teaching hrs
CO1	Modify the basic patterns using different techniques.	U/A	1,2,3,5,7,8,9,10	06 hrs
CO2	To transfer various pattern technique on garments	U/R/A	1,3,5,6,8,9,10	12 hrs
CO3	Study of dress forms for draping techniques.	U/R/A	2,4,6,7,9,10	10 hrs
CO4	Assemble the components using draping method	U/R/A	3,4,5,7,9,10	06 hrs
CO5	Create garments using various draping technique.	U/R/A	2,4,5,6,8,9,10	6 hrs
CO6	Create garments using draping technique	U/R/A	3,4,6,7,9,10	12 hrs

COURSE-PO ATTAINMENT MATRIX

Course	Programme Outcomes									
	1	2	3	4	5	6	7	8	9	10
ADVANCED PATTERN ILLUSTRATION	2	3	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.

COURSE CONTENT AND BLUE PRINT OF MARKS FOR SEE

Unit No	Unit Name	Hour	Questions to be set for (5marks) PART - A			Questions to be set for (10marks) PART - B			Mark weightage (%)
			R	U	A	R	U	A	
1	DART MANIPULATION (Flat pattern Technique)	06	-	-	1	1	-	-	11.53
2	STUDY OF GARMENTS (Flat pattern Technique)	12	-	1	1	-	1	1	23.07
3	DRAPING (Draping technique)	10	-	1	1	-	1	1	19.23
4	BASIC PATTERN (Draping technique)	06	1	-	-	1	-	-	11.53
5	DART – PLEATS- TUCKS (Draping technique)	06	-	-	1	1	-	1	11.53
6	STUDY OF DRAPING METHOD (Draping technique)	12	1	-	1	1	1	-	23.07
	TOTAL	52	09 (45marks)			10 (100 marks)			100

Legend: R; Remember, U: Understand A: Application

CONTENT

Unit	Major Topics	Hours Allotted
1	STUDY OF BASIC BLOCKS AND ADOPTATION METHOD	12 Hrs
2	STUDY OF GARMENTS (Flat pattern Technique)	12 Hrs
3	DRAPING (Draping technique)	06 Hrs
4	BASIC PATTERN (Draping technique)	06 Hrs
5	DART – PLEATS- TUCKS (Draping technique)	04 Hrs
6	STUDY OF DRAPING METHOD (Draping technique)	12 Hrs
	Total	52 hrs

UNIT-I

STUDY OF BASIC BLOCKS AND ADAPTATION METHOD

INTRODUCTION TO FLAT PATTERN TECHNIQUE

12 HRS

- 1.1 Study of the following basic block patterns for women's garments- Front, Back, Sleeves and skirt block
- 1.2 Introduction to Dart manipulation ---slash and spread technique, pivotal method
- 1.3 Adaptation of block pattern into style lines—classic princess, panel, Insertion of pleats, tucks, Front cowl, back cowl and sleeve cowl

UNIT-II

STUDY OF GARMENTS (Flat Pattern Technique)

12 HRS

- 2.1 Detailed study of the following garments by flat pattern technique
- 2.2 Evening gown -- cowls, gathers,
- 2.3 Draped wrap skirt with cascade
- 2.4 Jacket with hood
- 2.5 Jump suit for girls

UNIT-III

DRAPING (Draping technique)

6 Hrs

- 3.1 Introduction to draping
- 3.2 Study of equipments and Dress forms
- 3.3 Study of Grain
- 3.5 Preparation of dress forms for draping
- 3.4 Preparation of muslin for draping-Tearing, blocking, pressing

UNIT- IV

BASIC PATTERN (Draping Technique)

6 Hrs

- 4.1 Draping steps
- 4.2 Marking
- 4.3 Truing
- 4.4 Method of draping of front and back body
- 4.5 Method of draping skirt

UNIT- V

DART – PLEATS, TUCKS (Draping technique)

4 Hrs

- 5.1 Dart manipulation-Bustling dart, neck line dart
- 5.2 Insertion of pleats, tucks and cowl in bodice

UNIT-VI

STUDY OF DRAPING METHOD (Draping technique)

12 Hrs

- 6.1 Dirndl and Peg skirt
- 6.2 Ladies top with yoke
- 6.3 Gown with princess line

NOTE: 1) GARMENTS LISTED UNDER UNIT II AND UNIT VI DESIGNING TO BE DONE USING 10 ½ & 12 ½ HEAD CROQUIS

2) FOLDERS TO BE PRODUCED AT THE END EXAM FOR PRACTICAL

SEMINAR

Each student to select one of the following topics for the seminar (no group should repeat topic)

1. E-Fitting
2. Dress Forms
3. Draping technique
4. Check measurements for ladies garment
5. **Flat Pattern Technique**
6. Adaptation of block pattern

Indicative Reference:

1. Clothing Appearance And Fit - By Fanj, Yu Wand Hunterl
2. Sizing In Clothing –By Ashdown S.P
3. Pattern Making For Fashion Design-By Helen Joshep,Armstrong
4. Metric Pattern Cutting For Men’s Wear-Byblack Well Publication
5. Pattern Making And Making Up –The Professional Approach-By Marten Shoben
6. Dress Fitting-By Natalie Bray Black Well Science Publication
7. Dress Pattern Designing - By Natalie Bray Black Well Science Publication

Related e –References

[https://en.wikipedia.org/wiki/Pattern_\(sewing\)](https://en.wikipedia.org/wiki/Pattern_(sewing))

<https://www.pinterest.com/explore/pattern-making/>

<http://isntthatsew.org/pattern-making-101/>

<http://www.fibre2fashion.com/industry-article/5658/basics-of-pattern-making>

<http://howdidiyoumakethis.com/basic-tools-for-apparel-patternmaking/>

<https://www.youtube.com/watch?v=ujSMcgJDYus>

<https://www.youtube.com/watch?v=2sC5h329w2g>

<https://www.youtube.com/watch?v=2sC5h329w2g>

<https://www.youtube.com/watch?v=dA19jhsRyYw>

<https://www.youtube.com/watch?v=dgM58WczBZc>

<https://www.youtube.com/watch?v=6ZVEAXmupEo>

<https://www.youtube.com/watch?v=fAEuGQW0QUo>

COURSE ASSESSMENT AND EVALUATION

	What		To Whom	Frequency	Max. Marks	Evidence Collected	Course Outcomes
DIRECT ASSESSMENT		I A Tests	Students	Three IA (Average marks of three IA tests are considered)	20	Blue Books	1 to 6
		Class room Assignments		Class room Assignments	05	Log of Activity	1 to 6
				TOTAL	25		
	SEE - SEMESTER END EXAMINATION	End Exam		End Of the Course	100	Answer Scripts	ALL CO's
INDIRECT ASSESSMENT METHODS	Student Feedback on course		Students	Middle Of The Course	Feed Back Forms		
	End of Course Survey			End Of The Course	Questionnaire		ALL CO's

Note: I.A. test shall be conducted for 20 marks. Average marks of three tests shall be rounded off to the next higher digit.

Note to IA verifier: The following documents to be verified by CIE verifier at the end of semester

1. Blue books (20 marks)
2. Student suggested activities report for 5 marks evaluated through appropriate rubrics.
3. Student feedback on course regarding Effectiveness of Delivery of instructions & Assessment Methods

• **MODEL OF RUBRICS FOR ASSESSING STUDENT ACTIVITY**

Dimension	Scale					Students Score				
	Needs Improvement 1	Developing 2	Satisfactory 3	Good 4	Exemplary 5	1	2	3	4	5
1. Research & gather information	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information; all refer to the topic	Collects a excellent deal of information; all refer to the topic	Ex: 2				
2. Fulfill team's roles & duties	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information all refer to the topic	Collects a excellent deal of information; all refer to the topic	3				
3. Shares work equally	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information all refer to the topic	Collects a excellent deal of information; all refer to the topic	4				
4. Listen to other Team mates	Does not collect any information relating to the topic	Collects very limited information; some relate to the topic	Collects some basic information; most refer to the topic	Collects a good information; all refer to the topic	Collects a excellent deal of information; all refer to the topic	5				
Grand Average/Total=(2+3+4+5)=14/4=3.5=4						4				

Note: The above rubric is only an example. The concerned Course Coordinator may devise appropriate rubrics for the assigned activity.

MODEL QUESTION PAPER (CIE)

Test/Date and Time	Semester/year	Course/Course Code	Max Marks	
I test /6 th week 10-11 a m	VI SEM	ADVANCED PATTERN ILLUSTRATION	20	
	Year: 2017-18	Course code:15FT61T		
Name of Course coordinator :		Units:1,2 Co: 1 & 2		
Note: Answer all questions				
Q.#	Question	CL	CO	PO
1	Describe Slash technique with neat sketch	A	1	1,2,3,5,7,8,9,10
2	Describe with a neat sketch the adaptation of bodice block into princess style line	U/A	1	1,2,3,5,7,8,9,10
	OR			
	With neat sketch explain dart manipulation	A	1	1,2,3,5,7,8,9,10
3	Explain the method of inserting pleats in the bodice	A	2	1,3,5,6,8,9,10
	OR			
	Write the steps for creating basic front Cowl body	A	2	1,3,5,6,8,9,10
4	Illustrate the gathers, pleats and tucks in basic bodice	U/A	2	1,3,5,6,8,9,10

**QUESTION BANK
PART-A**

Q.NO	DESCRIPTION	CL	CO'S
1	Describe Slash technique with neat sketch	A	1
2	Describe with a neat sketch the adaptation of bodice block into princess style line	A	1
3	Explain the method of inserting pleats in the bodice	A	2
4	Write the steps for creating basic front Cowl body	R/A	2
5	Define draping and explain	R/A	3
6	Enlist the equipments used in draping	A	3
7	Write the preparation of Muslin for draping	A	4
8	Describe draping steps	A	4
9	Define dart manipulation and explain	A	5
10	Write the procedure of manipulating neck line dart	R/A	5
11	Explain the method of draping front part of Drindl skirt	A	6
12	Draw the style feature of princess line gown and color it neatly	A	6

PART-B

Q.NO	DESCRIPTION	CL	CO'S
1	With neat sketch explain dart manipulation	R/A	1
2	Describe the method of drafting cowl with neat sketch	A	1
3	Construct a Jacket with hood using basic block	A	2
4	Illustrate the gathers, pleats and tucks in basic bodice	R/A	2
5	Explain the preparation for draping on a dress form.	A	3
6	Describe the terms trueing, Blocking and pressing	A	3
7	Write the draping steps for front bodice	U/A	4
8	With a neat sketch explain the method of draping a skirt	A	4
9	Describe the method of inserting pleats in draping method	A	5
10	Explain the process of draping cowl bodice on a dress form.	A	5
11	Describe the method of draping a ladies top with yoke	A	6
12	With a neat sketch explain the method of draping a gown	R/A	6

MODEL QUESTION PAPER

PART-A

ANSWER ANY SIX QUESTIONS, EACH QUESTION CARRIES FIVE MARKS

Q.NO	DESCRIPTION	CL	CO'S
1	Describe Slash technique with neat sketch	A	1
2	Explain the method of inserting pleats in the bodice	A	2
3	Write the steps for creating basic front Cowl body	R/A	2
4	Define draping and explain	A	3
5	Enlist the equipments used in draping	R	3
6	Write the preparation of Muslin for draping	U/A	4
7	Define dart manipulation and explain	A	5
8	Explain the method of draping front part of Drindl skirt	A	6
9	Draw the style feature of princess line gown and color it neatly	A	6

PART-B

ANSWER ANY SEVEN QUESTIONS, EACH QUESTION CARRIES TEN MARKS

Q.NO	DESCRIPTION	CL	CO'S
1	With neat sketch explain dart manipulation	A	1
2	Draft a evening gown with cowl bodice	A	1
3	Draft a Jacket with hood using basic block	A	2
4	Illustrate the gathers, pleats and tucks in basic bodice	R/A	2
5	Explain the procedure for draping on a dress form	A	3
6	Describe the terms Tearing, Blocking and pressing	A	3
7	Write the draping steps for front bodice	R/A	4
8	Describe the method of inserting pleats in draping method	A	5
9	Describe the method of draping a ladies top with yoke	A	6
10	With a neat sketch explain the method of draping a gown	R/A	6