

TF-106: ELEMENTS OF FASHION TECHNOLOGY

Course Title	ELEMENTS OF FASHION TECHNOLOGY	Course Code	TF-106
Semester	I Year	Course group	Core
Teaching Scheme	4:1:0 (L: T: P) per week	Credits	3
Methodology	Lecture + Tutorials	Total Contact Hours	150
CIE Marks	60 Marks	SEE	40 Marks

Prerequisite

BASICS OF FASHION TECHNOLOGY

Course Outcomes

On completion of this course, student will have the ability to

S. No	Course Outcome	Cognitive Level	No of Periods
CO1	To know basic terminology of fashion and fashion cycle	R	25
CO2	Draw and construct of various garment components	R	25
CO3	To understand fashion designing principles	R/U	20
CO4	To prepare different styles of garment components by using draping techniques	R/U	20
CO5	To select and apply quality of colour on dress for dress designing	U /A	30
CO6	To display garment with different ways of presentation	U/A	30
			150

Course Content and Blue Print of Marks for SEE

Unit No	Unit Name	Periods	Questions to beset for SEE			
			R	U	A	
I	Introduction to Fashion Designing	25				
II	Garment Components	25				
III	Fashion Designing Principles	20				
IV	Draping Techniques	20				
V	Color Theory	30				

VI	Fashion Design Presentation	30				
	Total	150	8	8	8	

Course content

UNIT-1: Introduction to Fashion Designing

Duration:25HOURS

Terms related to fashion designing-Fashion, Fad, Trend, Classic, High Fashion, Mass Fashion- Areas of fashion designing-Design professionals-Reasons for change in fashion-Explain the importance of fashion in clothing-Classify the fashion-Terms related to fashion-Chic, Costume made, collection, Mannequin-Types of fashion shows-factors influencing fashion, factors to be consider while designing fashionable dress-fashion flow chart, fashion cycle, length of the fashion cycle

UNIT-2: Garment Components

Duration:25HOURS

Fullness: gathers, pleats, flares, flounces, smocking, tucks & darts, Methods of controlling fullness, Factors to be considered in designing collars, Classify different types of collars, Sketches of Ripped collar, Chinese collar, full roll collar, Partial roll collar, square collar, Peter pan collar, Shirt collar, scalloped collar, sailor collar, Puritan collar, tie collar, turtle collar and shawl collar-Selection of pockets design, constructing pockets- patch-pocket and bound pocket, Welt pocket, pocket in seam and front hip pocket-Types Yoke designs-Types of Plackets, one piece placket and two piece placket-Types of Skirts -sleeves-set in sleeves, Sleeves with bodice style

UNIT-3: Fashion Designing Principles

Duration:20HOURS

Types of designs-Requirements of structural designs -Requirements of decorative designs and mention the types-Basic elements of fashion design-Silhouettes and give the classification of it-Principles of fashion designing- Balance, Emphasis, Harmony, Proportion and Rhythm, Describe the terms – Couture, Haute couture, Pret-A-Porte, Fashion Direction, Fashion Editors, Line, Knockoffs, Avant Grade, Bridge-Buying houses.

UNIT-4: Draping Techniques

Duration:20HOURS

Different types of necklines, sleeve styles, pant shapes, types of Pockets, Waist bands, Bows and Ties-Basic draping techniques - Bodice front, Bodice back ,Basic skirt-Preparation of Component draping - Dresses - bias, princess line, panels, construction of Basic sleeves, set-in sleeves, sleeves along with bodice, Mandarin Collar and Peter pan Collar, Shawl collar by draping method, Neckline cowl, waistline cowl, sleeve cap cowl , types of Yoke design - Shoulder, midriff, hip line- Couture draping –Concept, theme analysis, 3D draping, origami draping

UNIT-5: Color Theory

Duration:30HOURS

Types of primary colours, Secondary and tertiary colours, Munsell colour system, Theory of colour wheel, Applications of colour on fashion figure, Basic principle of colour in design, Application colour on dress designing, Different colour schemes, Monochromatic, achromatic colour scheme and analogous colour scheme, Complementary colour scheme and its types, Cool and warm colours, tints, shades, Grey scale, colour value scale (10 values) ,Applications on freehand drawing, Qualities of colour, Types of colour harmonies, Elements, principles & colour on apparel, Colour and its emotions, Indian approach to colour

UNIT-6: Fashion Design Presentation

Duration:30 HOURS

Graphical skills in design presentation, female body , male body & children's body proportions and body shape for fashion drawing proportion-Factors involved to obtain good fashion drawing- Types of fashion drawings-Drawing and draw the design of skirt (Top and bottom) by production drawing technique, Types of fashion software's used internationally with description, presentation skills of fashion designing, Terms related to fashion designing - Customization, Disposable as investment, Acquisitions, Collaboration, Articulation of style , Rendering media, Taming textile slopers, Punctuations and Vintage patina- fashion translations, Influence of seasons in fashion designing, Technique- Rote, Rules and Rough, Fashion illusions applied on surface of the fabric ,Factors affecting the fashion

Reference Books

1. Elements of fashion and apparel design – Sumathi, G.J.
2. Fashion Marketing – Mike Easey
3. Fashion design essentials-Jay Calderin

Suggested E-Learning References

- 1) www.textilelearner.blogspot.com
- 2) www.fibre2fashion.com
- 3) <http://www.onlinetextileacademy.com>
- 4) <https://www.slideshare.net>
- 5) <https://textilechapter.blogspot.com>

Specific Learning Outcomes

CO1: To know basic terminology of fashion and fashion cycle

- 1.1 Define and explain different terms related to fashion designing-Fashion, Fad, Trend, Classic, High Fashion, Mass Fashion.
- 1.2 Explain different areas of fashion designing
- 1.3 Explain about various design professionals
- 1.4 State the reasons for change in fashion
- 1.5 Explain the importance of fashion in clothing
- 1.6 Classify the fashion
- 1.7 Discuss the terms related to fashion-Chic, Costume made, collection, Mannequin
- 1.8 Explain about different types of fashion shows
- 1.9 Explain the factors influencing fashion
- 1.10 Explain the factors to be consider while designing fashionable dress
- 1.11 Draw the fashion flow chart
- 1.12 Explain the fashion cycle
- 1.13 Explain the length of the fashion cycle

CO2: Draw and construct of various garment components

- 2.1 Fullness: definition, methods of introducing fullness in garments-gathers, pleats, flares, flounces, smocking, tucks & darts
- 2.2 Explain the methods of controlling fullness
- 2.3 Explain the factors to be considered in designing collars
- 2.4 Classify different types of collars

- 2.5 Explain different types of collars
- 2.6 Draw the sketches of Ripped collar, Chinese collar, full roll collar
- 2.7 Draw the sketches of partial roll collar, square collar, Peter pan collar,
- 2.8 Draw the sketches of shirt collar, scalloped collar, sailor collar,
- 2.9 Draw the sketches of puritan collar, tie collar, turtle collar and shawl collar
- 2.10 Explain the selection of pockets design
- 2.11 Explain the construction of pockets- patch-pocket and bound pocket
- 2.12 Explain the construction of pockets- welt pocket, pocket in seam and front hip pocket
- 2.13 Explain different types Yoke designs
- 2.14 Explain the types of Plackets
- 2.15 Explain one piece placket and two piece placket
- 2.16 Explain different types of Skirts
- 2.17 Explain Making and constructing sleeves-set in sleeves
- 2.18 Explain Making and constructing sleeves with bodice style

CO3: To understand fashion designing principles

- 3.1 List the types of designs
- 3.2 Explain the requirements of structural designs
- 3.3 Explain the requirements of decorative designs and mention the types
- 3.4 Explain the basic elements of fashion design
- 3.5 Define silhouettes and give the classification of it
- 3.6 List different principles of fashion designing
- 3.7 Explain the principle of design- Balance
- 3.8 Explain the principle of design- Emphasis
- 3.9 Explain the principle of design- Harmony
- 3.10 Explain the principle of design- Proportion
- 3.11 Explain the principle of design- rhythm
- 3.12 Describe the terms – Couture, Haute couture, Pret-A-Porte
- 3.13 Describe the terms -Fashion Direction, Fashion Editors,
- 3.14 Describe the terms -Line, Knockoffs, Avant Grade, Bridge
- 3.15 Explain about buying houses

CO4: To prepare different styles of garment components by using draping techniques

- 4.1 Draw the designs of different types of necklines
- 4.2 Draw the designs of various sleeve styles
- 4.3 Draw the designs of various pant shapes
- 4.4 Draw the designs of different types of Pockets, Waist bands, Bows and Ties
- 4.5 Basic draping techniques - Bodice front

- 4.6 Basic draping techniques - Bodice back
- 4.7 Basic draping techniques - Basic skirt
- 4.8 Explain the preparation of Component draping - Dresses - bias, princess line, panels.
- 4.9 Explain the construction of Basic sleeves
- 4.10 Explain the construction of set-in sleeves
- 4.11 Explain the construction of sleeves along with bodice
- 4.12 Explain the preparation of Mandarin Collar and Peter pan Collar
- 4.13 Explain the preparation of shawl collar by draping method
- 4.14 Explain Cowl - Neckline cowl, waistline cowl, sleeve cap cowl
- 4.15 Explain and draw different types of Yoke design - Shoulder, midriff, hip line
- 4.16 Define Couture draping
- 4.17 Explain the concept of Couture draping
- 4.18 Explain the theme analysis, 3D draping, origami draping

CO5: To select and apply quality of colour on dress for dress designing

- 5.1 Explain different types of primary colours
- 5.2 Explain about secondary and tertiary colours
- 5.3 Explain Munsell colour system
- 5.4 Explain the theory of colour wheel
- 5.5 Explain the applications of colour on fashion figure
- 5.6 Explain the basic principle of colour in design
- 5.7 Explain the application colour on dress designing
- 5.8 Explain about different colour schemes
- 5.9 Explain Monochromatic colour scheme
- 5.10 Explain about achromatic colour scheme
- 5.11 Explain about analogous colour scheme
- 5.12 Explain about complementary colour scheme and its types
- 5.13 Explain about Cool and warm colours, tints, shades.
- 5.14 Explain about Grey scale, colour value scale (10 values)
- 5.15 Explain the applications on freehand drawing.
- 5.16 Explain the qualities of colour
- 5.17 Explain different types of colour harmonies
- 5.18 Illustrate created by elements, principles & colour on apparel.
- 5.19 Explain Colour and its emotions
- 5.20 Explain Indian approach to colour

CO6: To display garment with different ways of presentation

- 6.1 Explain the graphical skills in design presentation
- 6.2 Draw the basic proportions of female figure for fashion drawing proportion
- 6.3 Draw the male proportions and body shape for fashion drawing proportion

- ## CO PO Matrix

Course: Elements of Fashion Technology											
Course Outcomes	Program Outcomes & Program Specific Outcomes										Mapped POs & PSOs
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	
CO1	3		2					3		1	1,3 & 1,3
CO2	3		2					3		1	1,3 & 1,3
CO3	3		2					3		1	1,3 & 1,3
CO4	3		2					3		1	1,3 & 1,3
CO5	3		2					3		1	1,3 & 1,3
CO6	3		2					3		1	1,3 & 1,3
Activities											1,3 & 1,3

Note: Correlation levels of CO with PO are rated as 1, 2 or 3 and are defined below:
3: Substantial (High), 2: Moderate (Medium), 1: Slight (Low), blank indicates no correlation

QUESTION PAPER PATTERN FOR MID SEMESTER EXAMS

MID-I Examination

S. No	Unit	Questions to be set for MID Exam			
		R	U	A	Remarks
1	UNIT-1	1, 2	5(a) 5(b)	7(a) 7(b)	
2	UNIT-2	3, 4	6(a) 6(b)	8(a) 8(b)	
Total Questions		4	4	4	

MID-II Examination

S. No	Unit	Questions to be set for MID Exam			Remarks
		R	U	A	
1	UNIT-3	1, 2	5(a) 5(b)	7(a) 7(b)	
2	UNIT-4	3, 4	6(a) 6(b)	8(a) 8(b)	
Total Questions		4	4	4	

Year End Examination (SEE)

S. No	Unit	Questions to beset for SEE								Remarks
		R		U		A				
1	UNIT-1									
2	UNIT-2									
3	UNIT-3									
4	UNIT-4									
5	UNIT-5									
6	UNIT-6									
Total Questions		8		8		8				

STATE BOARD OF TECHNICAL EDUCATION & TRAINING, TELANGANA
DIPLOMA EXAMINATION (C-26)
MID-I EXAMINATION
TF-106 ELEMENTS OF FASHION TECHNOLOGY
Model Question Paper

Duration :1 hours

Max. Marks: 20

Part-A

Answer All the questions.

4 X 1=4 M

1. Define Mass Fashion.
2. State the reasons for change in fashion
3. Classify different types of collars
4. Define Tucks and Darts.

Part-B 2 X 3= 6 M

5. (a) Classify the fashion.

(or)

(b) Draw the fashion flow chart.

6. (a) State the factors to be considered in designing collars.

(or)

(b) Draw the sketches of Ripped collar, Chinese collar and Full roll collar.

Part-C 2 X 5=10 M

7. (a) Explain the factors to be considered while designing fashionable dress.

(or)

(b) Explain the length of the fashion cycle.

8. (a) Explain Making and constructing sleeves-set in sleeves

(or)

(b) Explain different types Yoke designs.

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DIPLOMA EXAMINATION (C-26)
MID-II EXAMINATION
TF-106 ELEMENTS OF FASHION TECHNOLOGY
Model Question Paper

Duration :1 hours

Max. Marks: 20

Part-A

Answer All the questions.

4 X 1=4 M

1. List the types of designs.
2. Define silhouettes.
3. Draw any one sleeve style design.
4. Define Couture draping.

Part-B 2 X 3= 6 M

5. (a) List different principles of fashion designing.

(OR)

(b) Describe the terms -Fashion Direction and Fashion Editors.

6. (a) Explain the preparation of shawl collar by draping method.

(OR)

(b) Draw the designs of different types of Pockets.

Part-C 2 X 5=10 M

7. (a) Explain about buying houses.

(or)

(b) Explain the principle of design- Harmony.

8. (a) Explain the construction of set-in sleeves.

(or)

(b) Explain the concept of Couture draping.

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DIPLOMA EXAMINATION (C-26)
END EXAMINATION
TF-106 ELEMENTS OF FASHION TECHNOLOGY
Model Question Paper

Duration : 2 hours

Max. Marks: 40

Part-A

Answer All the questions.

8 X 1=8 M

1. List the factors to be considered while designing fashionable dress.
2. Define the term Knockoffs.
3. List different fashion illusions applied on surface of the fabric.
4. Draw the sketch of Basic bodice front.
5. Mention the applications of colour on Dress designing.
6. List any two qualities of colour.
7. Write about Taming textile slopers.
8. List different types of Graphical skills in design presentation.

PART-B

4 X 3 = 12 M

9. (a). Explain the methods of Controlling fullness.-

(or)

- (b). Write short notes on Indian approach to colour.

10. (a) Write short notes on Origami draping.

(or)

- (b) State the influence of seasons in fashion designing.

(or)

11. (a) Mention any six colour and its emotions.

(or)

- (b) Explain different types of colour harmonies.

12. (a) Draw the design of skirt (bottom) by production drawing technique.

(or)

- (b) Draw the basic proportions of male figure for fashion drawing.

PART-C

4 X 5 = 20 M

13. (a) Explain about different types of Fashion Shows.

(or)

(b) Explain about Achromatic colour scheme.

14. (a) Describe the terms - Fashion Direction and Fashion Editors.

(or)

(b) Explain different types of fashion drawings.

15. (a) Explain about different colour schemes.

(or)

(b) Explain the applications of colour on fashion figure.

16 (a) Describe the terms related to fashion designing – Punctuations and Vintage patina.

(or)

(b). Describe the terms related to fashion designing - Customization and Disposable as investment