



National Council of Vocational and Research Training
NewDelhi-110058

CUTTING TAILORING, DRESS MAKING AND FASHION DESIGNING

Course Code: **CUT-1204**

CERTIFICATE IN FASHION & CLOTHING TECHNOLOGY



**DETAILED SYLLABUS FOR VOCATIONAL TRAINING
PROGRAMME**

COURSE TITLE	CERTIFICATE IN FASHION & CLOTHING TECHNOLOGY
COURSE CODE	CUT-1204
MEDIUM	ENGLISH
QUALIFICATION	8th Pass
DURATION	SIX MONTHS
CLASS TIMES	10:00am – 04:00pm

MARK ALLOTMENT	
THEORY	300 Marks
PRACTICAL	200 Marks
INTERNAL	100 Marks
TOTAL MARKS	600 Marks
PASSING MARKS	40/ 100

CERTIFICATE IN FASHION & CLOTHING TECHNOLOGY	
PAPER I	INTRODUCTION TO FASHION DESIGNING
PAPER II	FUNDAMENTALS OF PATTERN MAKING
PAPER III	FUNDAMENTALS OF CUTTING AND SEWING

PAPER I	INTRODUCTION TO FASHION DESIGNING
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UNIT- I - FASHION

Meaning of Fashion, Origin of Fashion, Meaning of Fashion Designing, Classification of Fashion, Influence of Fashion, Fashion cycle and Fashion theory, Fashion forecasting, National and International fashion designers – Any five.

UNIT- II - DESIGN AND ITS ELEMENTS

Design –Definition, Types- Structural and Decorative Design, Application of Structural and Decorative Design in the Dress. Elements of Design -Line, Shape or Form, Color, Size and Texture.

UNIT - III - PRINCIPLES OF DESIGN, ACCESSORIES & TRIMMINGS

Principles of Design – Balance, Rhythm, Harmony, Emphasis and Proportion. Fashion Accessories- Shoes, Hand Bags, Hats and Tie. Trimmings and Decorations - Lace, Ric Rac, Appliqué, Embroidery, Smocking, Belts and Bows, Ruffles, Patch work and Quilting.

UNIT - IV - COLOURS

Colours – Importance. Dimensions of colour- Value, Hue, Intensity. Colour Theory – Prang colour. Colour Harmonies - Monochromatic, Analogous, single Complimentary, Double Complimentary, Split Complimentary, Traid. Cool Colours and Warm Colours.

UNIT - V - FIGURE IRREGULARITIES

Designing dress for unusual figures becoming and unbecoming, for the following Figure Types - Stout Figure, Thin Figure, Narrow Shoulders, Broad Shoulders, Round Shoulders, Large Bust, Flat Chest , Large Hip, Large Abdomen, Round Face, Large Face, Small Face, Prominent Chin and Jaw and Prominent forehead .

PAPER II	FUNDAMENTALS OF PATTERN MAKING
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UNIT 1 Introduction of patterns: Need of pattern making.Tools and materials used for pattern making and terminologies used in pattern making, symbols used in pattern making

UNIT 2 Introduction to technical skills in pattern making and garment production

UNIT 3 Figure Measurement: general principles, taking direct measurements.

UNIT 4 Fundamental pattern construction processes and applying these to produce garments

UNIT 5 Study on different types of stylelines used in garments

UNIT 6 Basic Bodice Block: Child's bodice block and adult's bodice block and standard measurement of body parts. Basic ideas on proportions, balance and fit for drawing and preparing patterns for different men, women and children wear.

UNIT 7 Necklines and Plackets: terminology, classification and different types of necklines and plackets. Variations in necklines and plackets.

UNIT 8 Collars and Facings: terminology, classification, various types of collars such as convertible, mandarin, wing, peter pan, sailor, shawl, notch, bishop, Chinese, ruffle mandarin, shirt. Variations in collars and facings.

UNIT 9 Sleeves: sleeve terminology, sleeves length variation, classification of sleeves, drafting of basic sleeve, elongated armhole sleeve: flared, puff, short sleeves, cap, ruffle, kimono, dolman, magyar, leg-o-mutton etc. sleeve variations.

UNIT 10 Pockets: Inset pocket, patch pocket, seam line pocket etc.

UNIT 11

Introduction to sewing; Principles of working of sewing machine, different parts of sewing machine and their functions. Different types of sewing machine for different purposes.

UNIT 12 Pattern making for kids garments to adult dresses (men and women)

Practical

1 Principles of pattern drafting through block construction and dart manipulation: dart manipulation by Pivotal and Slash-and-Spread method, transferring back shoulder dart to neck; transferring front shoulder dart to neckline, transferring front shoulder dart to armhole, to underarm, to centre front; French dart and Double dart. Variations in fullness of garments.

2 Temporary and permanent hand stitches, plain seam, flat seam and ridge seams. Finishing of raw edges. Disposal of fullness: Variation in pleats, darts, tucks, gathers and facings. Placket opening and joining different fasteners. Basic embroideries and their variations.

3 Drafting of pattern for children garments;: Principles of drafting children basic block and pattern making and stitching of any two children garments (Bloomer, Jhabla, Bush- Shirt , A-Line forck, tops and Skirts, etc.)

4 Drafting of pattern for Skirts: terminology, classification: 2, 4, 6, panel skirt, umbrella, tier, drindle, straight, paneled, flared, pleats, wrap over, yoked. Variations of skirts' designs.

5 Drafting of pattern for shirts, trousers, kameez, salwar, churidar and jacket.

PAPER III	FUNDAMENTALS OF CUTTING AND SEWING
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UNIT 1 Standard body measurement and pattern making for adult garments: Standard body measurements and allowances. Sizing and Development of size chart for garments. Basic bodice block drawing of flat layout of different garments according to the standard body measurement for basic skirts, trousers, shirts, frock, Kameez, salwar etc.

UNIT 2 Introduction to basic process sequences of garment production and each unit operation involved: objective, principles of working, fundamental concepts of garment styling, designing and drawing (flat sketch), pattern making, marker planning, cutting, sewing and finishing.

UNIT 3 Sewing: Different types of seams, different stitches, code of stitches and stitch numbers. Details of different types of industrial and domestic sewing machines and feed mechanism, sewing needles and its specifications, sewing threads; types and requirements. Sewing problems. Testing of sewability and tailorability.

UNIT 4 Different types of sewing machine needles used for garment construction and its different parts, causes of needle heating and the ways of minimizing needle heat

UNIT 5 Study on different types feeding mechanism and machine beds of sewing machine

UNIT 6 Different types of work aids, attachments and folders used in garment sewing

Practical

Fundamentals of Sewing

- 1 Development of various types of seams, pleats and their application in garments
- 2 Sample development with decorative stitches for surface ornamentation and surface embellishment of other accessories.
- 3 Cutting and sewing of different components of garments as per pattern and marker and their joining by sewing using different seams
- 4 Practise on Dart Manipulation: shifting of darts, combining darts, dividing darts, concealing darts in yokes and seams lines, converting darts to gathers
- 5 Practise on Drafting, Adaptation, Layout, Cutting and Construction of the following Garments: skirt, kurta, men and women casual wear – casual trouser, payjama, panjabi, skirt; sari-petticoat, princess line kurta, kalidar kurta, nightie / dressing gown with a shawl collar; sari-blouse, ladies and gent's casual shirt, lined and reversible jacket, trouser and pants and coat (suit), ladies-salwar/churidar and kameez etc.
- 6 Development of different garments and decorative samples with surface embellishment.
- 7 Development of different garments and decorative samples with surface embellishment

References

1. Natalie Bray, Dress Fitting, Crosby Lockwood Sons Ltd., London.
2. Lovi A. Knowles, The Practical Guide to Pattern Making for Fashion Designers, Juniors, Misses and Women, Fairchild Publication, 2005
3. Cavolyn J. Kundel, Norma R. Hollen, Pattern Making by the Flat-pattern Method, Prentice-Hall
4. Khurana and Sethi, Introduction to Fashion Technology, Fire Well Publication, New Delhi, 2007.
5. Gupta Et Al, Text Book of Clothing and Textiles and Laundry, Kalyani Publishers, New Delhi, 2005.
6. Mary Mathews, Practical Clothing Construction-Part I, Cosmic Press, Chennai, 1997.