

No. DGET - 2(3)/99-CD- Vol-1

Government of India

Ministry of Labor

(D.G.E. &T)

New Delhi, dated the 12th September, 2001

To,

All the state Directors (dealing with Craftsmen Training Scheme)

Subject:- Revision of syllabus for the trade of "Cutting & Tailoring" under CTS now renamed as "Cutting & Sewing" - Implementation thereon.

Sir,

I am directed to inform you that the syllabus for the trade of Cutting & Tailoring renamed as Cutting & Sewing under CTS has been revised. While revising the syllabus of the above-mentioned trade, no changes have been made in regard to: -

(i) Duration of Training

(ii) Admission qualification

However, the name of the trade has been **changed from Cutting & Tailoring to Cutting & Sewing** with the approval of NCVT. also few new equipments have been added in the list of tools & equipments viz. Bar-track machine, Fashion making machine and Machine attachment - Zipper font, folder and guiding Zig - Zag that need to be procured so that training could be imparted effectively.

The revised curriculum for the trade with new name "**Cutting & Sewing**" would be effective from the session starting from **August 2002**.

2. Availability of copies of syllabus

Printed copies of revised syllabus are available at the following address on payment basis:-

M/Syllabus ASIAN Publisher
3911,Roshan Pura, Nai Sarak, delhi-110006
(Telephone No.3915650,3941531)

The trade with the old name would stand deleted from the session starting from 1st August 2002. the last trade test for the trainees of pre revised syllabus with the old name "Cutting & Tailoring" would be held in July 2005 to enable the failed trainees to avail permissible 5 additional chances with in three years of their first attempt to pass the trade test.

Yours faithfully

Sd/-

(Y.P.Sharna)

Joint Director Of Training

For Director Of Training

Copy for information & necessary action to:-

1. Directors- Antis at Chennai, Hyderabad, Kanpur, Kolkatta, Ludhiana & Mumbai, and FTIs at Bangalore & Jamshedpur, ATI (EPI) at Dehradun & Hyderabad.
2. Principal CTI Chennai, NVTI - Noida, All RVTIs & ALL MITIs
3. TC, AP (with one spare copy each) TU,TA-I,TA-II,AP,PCT,WOT,AVTS sections at DGET HQ.
4. TT Cell(along with syllabus), with a request to supply question paper as per the instruction Contained in the letter.
5. M/syllabus Asian Publishers 3911 Roshan Pura, Nai Sarak, New Delhi.
6. Directors-CIMI Chennai, CSTARI Kolkatta.

(Anita Srivastava)
Asstt. Director. of Training

ક્રમાંક:સીટીએસ/ય-૧૦/૨૦૦૧/૭૯૭૪
રોજગાર અને તાલીમ નિયામકની કચેરી
ડૉ. જીવરાજ મહેતા ભવન, ગુજરાત રાજ્ય,
બ્લોક નં ૧/૮, ત્રીજે માળ,
જુના સચિવાલય, ગાંધીનગર.
તા.

નકલ રવાના :-

- (૧) નાયબ નિયામકશ્રી(તાલીમ) પ્રા.ક. અમદાવાદ, વડોદરા, રાજકોટ, સુરત, તથા આ.ટી.સી. વડોદરા તરફ જાણ તથા જરૂરી કાર્યવાહી સારૂ.
- (૨) તમામ સરકારી ઔદ્યોગિક તાલીમ સંસ્થાના વડાઓ તરફ જાણ તથા જરૂરી કાર્યવાહી સારૂ.
- (૩) આ કચેરીની શાખા - ધ,ર (ખરીદી),ફ,પરીક્ષા,ઈ.ડી.પી.સેલ.,વ,છ,ઝ, તરફ.

સંયુક્તનિયામક
રોજગાર અને તાલીમ
ગાંધીનગર.

SYLLABUS FOR THE TRADE OF CUTTING & SEWING

UNDER
CRAFTSMEN TRAINING SCHEME

2000(REVISED)

CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE
GOVT. OF INDIA, MINISTRY OF LABOUR, DGE&T
DIRECTORATE GENERAL OF EMPLOYMENT & TRAINING
EN-BLOCK, SECTOR - V, SALLAKE CITY,
CALCUTTA - 700091.

MEMBERS ATTENDED THE WORKSHOP FOR SKILL ANALYSIS FOR REVISING THE SYLLABUS OF "CUTTING & SEWING" UNDER CTS-HELD ON 02.05.2000

SL.NO.	NAME	DESIGNATION	
1.	S.R. Majumder	Director, CSTARI, Calcutta	Chairman
2.	Mrs. Ulli Hawickenbrauck	Sr. Prog Officer, CIMI, Chennai	Member
3.	W. Ringelsiep	GTZ Team Leader, CIMI, Chennai	Member
4.	Dr. Anjali Sengupta	Vice Principal, BES College & Guest Faculty NIFT, Calcutta	Member
5.	Mrs. Uttara Mukherjee	Principal,Usha Sewing Tailoring & Embroidery School, Calcutta	Member
6.	Mrs. Dipali Jana	Faculty, NIFT, Calcutta	Member
7.	Bholanath Mitra	Designer, Oscar Apparel Pvt. Ltd. Cal.	Member
8.	Mrs. Lucy Talukdar	Employment Officer,(WBES) Salt Lake Culcutta-91.	Member
9.	Purnima Mondal	Propiter, Swarupa Sewing & Knitting School. Salt Lake, Cal.	Member
10.	Mamata Das	Office In-Charge Swarupa Sewing & Knitting School, Salt Lake, Cal.	Member
11.	Pratima Pal	-DO-	Member
12.	R.M.Sinha	JDT, CSTARI, Calcutta	Member
13.	T. Mukhopadhyay	Dy. Director,CSTARI,Cal.	Member

**MEMBERS ATTENDED THE WORKSHOP FOR SKILL ANALYSIS FOR
REVISING THE SYLLABUS OF "CUTTING & SEWING" UNDER CTS-HELD ON
18-07-2000**

SL.NO.	NAME	DESIGNATION	
1.	S.R Majumder	Director, CSTARI, Calcutta	Chairman
2.	Mrs. Ulli HA wickenbrauck	Sr. PROG. Officer, CIMI, Chennai	Member
3.	Rajendra Kumar	Asstt. Director, NVTI for women Noida	Member
4.	Dr. Anjali Sengupta	Vice-Principal, BES College & Guest Faculty NIFT, Calcutta	Member
5.	Mrs. Uttara Mukherjee	Principal, Usha Sewing, Tailoring & Embroidery School, Calcutta	Member
6.	Mrs. Partho Seal	Asst.Prof. (GMT) NIFT, Calcutta	Member
7.	Purnima Mondal	GANDHINAGR, Howrah Homes	Member
8.	Giasuddinn Mondal	GANDHINAGR, Howrah Homes	Member
9	Miss Lopa mudra Ghost	Lecture, Apparel Trig. & Design. Center, Calcutta	Member
10.	S.K.Maity	Asstt. Director Of IND.	Member
11.	Mrs. Bandana Lahri	Principal Nari Seba Sangha, Cal.	Member
12.	Mrs. GEETS Chatterjee	-DO-	Member
13.	Mrs. Supta Mallick	Secretary, Prodn, Center	Member
14.	Mrs. Sumita Sanyal	-DO-	Member
15.	Mrs Chitra Sigha Roy	Ramkrishna Mission Shilpa Mandir	Member
16.	M.N.Gupta	Manager, Swarupa Sewing & Knitting School	Member
17.	Mrs Chitra Sigha Roy	Ramkrishna Mission Shilpa Mandir	Members
18.	R.M.Sinha	JDT, CSTARI, Calcutta	Member
19.	K.P. Chattopadhyay	JDT, CSTARI, Calcutta	Member
20	D.P. Ganguly	JDT, CSTARI, Calcutta	Member
21.	T. Mukhopadhyaya	Dy. Director, CSTARI, Cal	Member
22.	S.K.Das	Asstt. Director, CSTARI, Cal	Member
23.	P.K.Koley	Trg Officer, CSTARI, Cal	Member

**MEMBERS ATTENDED THE WORKSHOP FOR SKILL ANALYSIS FOR
REVISING THE SYLLABUS OF "CUTTING & SEWING" UNDER CTS-HELD ON
02.05.2000**

SL.NO.	NAME	DESIGNATION	
1.	S.R. Majumder	Director, CSTARI, Calcutta	Chairman
2.	Mrs. Ulli Hawickenbrauck	Sr. Prog. Officer, CIMI, Chennai	Member
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GENERAL INFORMATION:

1. Name of the Trade: Cutting and Sewing
2. Entry Qualification: Passed Class-VIII
3. Duration of Training: 1 Year under CTS
4. NCO Code Number: 076.10

OBJECTIVE OF THE COURSE:

The objective of the course is to impart necessary competencies (With the focus on technical competencies like skill and knowledge) so that they become employable in the small scale tailoring industry and are able to setup an own tailor's syllabus shop.

The main focus of the training is on stitching operations and basic pattern making.

Since the industrial production will be of increasing importance in the domestic market the tailor's shop will be in a more competitive situation. Therefore, it is very important that the training of Cutting & Sewing focuses more on quality consciousness in order to improve the sewing performance in the tailor's shops.

At the end of the trainings the trainees will be able to-

- Convert given pattern designs into a pattern for individual measurement and to stitch a dress accordingly to an agreed quality standard.
- Organize, Plan and evaluate their work independently (methodical competency) and to estimate the material required.
- Apply basic techniques for pattern manipulation.

The course content is to be covered in less than 52 weeks a year since some weeks will be used for enrolment procedures, leave of the instructor, holidays, examination and tests, industrial visits etc.

Course break-up:

- | | | |
|----|-------------------------|--------------|
| a) | Practical instruction | 28hours/week |
| b) | Theoretical instruction | 10hours/week |
| c) | Extra curricular | 4hours/week |
| | Activities including | |
| | Physical training. | |

Industrial Visit:

Industrial cum study tour at least two different types of garment industries having modern machineries.

Skill Areas

Measuring

- Body
- Material
- Components

Making Patterns

- Drafting, marking, cutting for individual measurement along with a given pattern draft as flat pattern
- Introduction into block pattern

Cutting components with hand cutting tools

Arranging layouts

- On Million cloth
- Plain fabrics
- One-Way fabrics like mapped and checked fabrics

Taking trial of garments

Pressing by hand with electric iron

- Pleats
- Sleeves with sleeve board
- Gathers
- Yoke

Folding of garments

Operating and maintaining sewing machines

- Treadle sewing machine
- Motorized sewing machine
- Overlook machine (three, four or five threads)

Stitching

- Stitching by hand:

Functional

Ease stitching, basting, tacking, padding stitch, running stitch, back stitch, pick stitch, overcasting, hem stitches, slip stitch, whip stitch.

Decorative

Stem stitch, blanket stitch, closed blanket stitch, buttonhole stitch, fishbone stitch, straight feather stitch, double feather stitch, chain stitch, lazy stitch, herringbone stitch, cross stitch, satin stitch, decorative hem stitch.

- Stitching by machine (straight, curved, cornered)
- Finishing seams by hand and machine (Pinked, overcastted, Over locked, bias bound, French seam....)
- Fixing fasteners (buttons, hooks, eyes, press studs...)
- Making buttonholes (One-bar-one-fan button hole. bound buttonhole...)

- Shaping a garment by:
 - Darts (Plain draft, French dart, contour dart....)
 - Tucks (plain tuck, blind tuck, pin tuck...)
 - Gathering
 - Smocking
 - Inserting elastic

- Stitching components:
 - Collars (Open collar, stand collar, shirt collar, Peter-pan collar...)
 - Sleeves (set in sleeve, kimono sleeve..)
 - Pockets (patch pocket, inseam pockets, bound pocket...)
 - Cuffs
- Finishing edges (facing, banding, piping, hemming)
- Making corners (overlapping corners, mitred corners.)
- Making openings
 - Placket (faced placket. one-piece placket two piece placket continuous Placket zip placket..)
 - Fly (extended fly self-piece fly with buttons and zip.)
 - Slit

- Attaching collars sleeves (set-in-sleeve method, shirt-sleeve method.) Yokes, cuffs, waistbands

- Preparing waistline (with casing, waist band, elastic, belt, belt carries...)
- Finishing neckline

- Fusing
- Lining
- Mending (Patching and darning)

List of Dresses:

Petticoats (4 and 6 panels)

Pleated skirt

Divided skirt

Pajama, Aligar

Pajama Chudidar

Pajama pant cut

Shorts (belted)
Shorts (One piece)
Slacks
Jeans

Nehru Kurt a
Kalidar Kurt a
Sal war (belted)
Children's Top
Ladies Shirt
Plain Blouse
Cholicut Blouse
Gent's Shirt
Plain Frock
Design Frock
Umbrella Cut Frock
House Coat
Nighty

Baby set
Bodice and Skirt Combination
Night suit
Combination suit

While it is compulsory to cover the skills during the training other garments might substitute the dresses as long as they are suitable to train the respective Skills.

Note: All garments should be stitched in full size only.

Theory

Tools and Equipment

- Needles and threads
- Measuring and drafting tools
- Cutting tools
- Pressing Equipment

Machinery

Parts, Function and maintenance of:

- Treadle sewing machine
- Motorized sewing machine
- Button hole machine
- 3-5 thread overlook machine
- Machine attachments
- Sewing defects and remedies (trouble shooting)

Sewing Techniques

Features and application of different types of:

- Hand stitches
- Machine stitches (Stitch formation and balance)
- Embroidery stitches
- Clipping, Notching
- Mending (darning and patching)
- Seams and seam finishing
- Hemming
- Shaping techniques (pleats, tucks, darts, gathers etc.)
- Corners

Methods of Finishing

Features and application of different types of:

- Waistline finishing
- Neckline finishing
- Placket finishing

Components

Features of different types of:

- Sleeves
- Pockets
- Cuffs

Fibers and Fabrics

- Sources, methods of identification, texture, weave, shrinking, stain removal
- Facing, interfacing, lining and interlining material

Buttonholes and Fasteners

Trimming materials and accessories

Patterns

- Direct drafting method (flat pattern)
- Block patterns

Layouts

Anatomy of human Figure

- Eight - head theory
- Variations in figures
- Growth according to age group
- Measuring techniques

Workshop Calculation

- Calculation of material
- Calculation of costs

Color

- Color Scheme
- Effects/characteristics of colors

Evolution and Function of Dresses

Quality Criteria

Safety Precautions

**List of Tools and Equipment for the Trade of Cutting & Sewing under Craftsmen
Training Scheme for a batch of 16 trainees.**

SI NO.	Name and Description of Articles	Qty
	Tools and Machineries	
1	Treadle machine, Lock Stitch, drop feed flat bed treadle	17 Nos.
2	Over locking machine twin needle, (motorized) 3-5 treadle	2 Nos.
3	Bar-tack machine	1Nos.
4	Button hole machine	1Nos.
5	Treadle Machine (Motorized) 1/8 HP	2No.
6	Fashion Maker Machine	1 Nos.
7	Machine attachment-zipper foot, tucker foot, hem folder, zigzag foot	2 each
8	Scissors 25 cm	17 No
9	Scissors left hand 25 cm	2 Nos.
10	Machine scissors, trimming edge 7"	17 Nos.
11	Pinking scissors, edge finish	17 Nos.
12	Marking wheel (tracing wheel)	17 Nos.
13	Measuring Tape Metric & English 150 cm (inches and cm)	17 Nos.
14	Tailors square metric	17 Nos.
15	Leg shaper for trouser	17 Nos.
16	French Curve (set) No. 17	17 Nos.
17	Diagram Square ¼", 1/5" Plastic	17 Nos.
18	Finger thimbles-steel	17 Nos.
19	Pattern notcher	4 Nos.
20	Dress form dummies: a) Ladies 8, 10 (half), 12(full), b) Gent's 40, 42 (full) c) Children no. 4(full)	1 No.
21	Pattern punch	2 Nos.
22	Tailors wooden graduated L- Square	17 Nos.
23	Round cutter, electrically operated	1 Nos.
24	Starting knife cutter, electrically operated	1 Nos.
25	Tapes plastic	2 Nos.
26	Tailors chalk	2 Nos.
27	Scam ripper	17 Nos.
28	Milton Cloth double width x 2 meters	8 Nos.
29	Coat brush – nylon hair	2 Nos.

Sl. No.	Name and description of Articles	Qty
	FURNITURE	
1	Hangers for dress	16Nos
2	Stand for hanging dress	4Nos
3	Instructors table steel with sum mica top (60 120) with lockers	1No
4	Arm chair for instructor	1No
5	Armless chair for staff	4Nos
6	Adjustable Moving stool w cushion-18" height size for trainees	16Nos
7	Table for Drawing class/the class for trainees	16Nos
8	Magnetic white board with marker pen and duster (120 × 120cm)	2Nos
9	Almirah steel (195×90cms×60cms with 5 adjustable shelves	2Nos
10	Steel locker Overall size(19 cms×90cm×48cm) having 6 compartments	3Nos
11	Display Board Glass cover(hanging finished dress)	2Nos
12	Pattern hanging hooks	6doz
13	Drafting table with conjugated board (150cm×90cm×90cm)	8nos
14	Pattern hanging angles	6dos
15	Trail Room – size 4' x 4') mirrors , size 150cmx60cmeach with arrangement for hanging dress	1No
16	Waste Paper basket Plastic	2nos