

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI

1	Name of Syllabus	C.C. In Shirts & Trousers (410135)							
2	Max. Nos of Student	25 Students							
3	Duration	6 Months							
4	Type	Full Time							
5	Nos Of Days / Week	6 Days							
6	Nos Of Hours /Days	7 Hrs							
7	Space Required	Workshop = 1000 Sq feet Class Room = 200 Sq feet TOTAL = 1200 Sq feet							
8	Entry Qualification	S.S.C.							
9	Objective Of Syllabus/ introduction	Awareness of Safety precautions Knowledge of Engineering skill, use of tools in Apparel. Awareness of Advance Garment Sewing. Awareness of Quality Control, Finishing & Packing.							
10	Employment Opportunity	The trainee will either to be able to take up jobs with agencies which Maintain, Develop, Repair Shirts & Trousers or with working experience will be in a position to start his own independent Business.							
11	Teacher's Qualification	Diploma in Fashion Designing. With 3 year Teaching experience in Shirts & Trousers							
12	Training System	Training System Per Week							
		Theory		Practical		Total			
		12 Hours		30 Hours		42 Hours			
13	Exam. System	Sr.	Paper Co	Name of Subject	TH/PR	Hours	Max. Marks	Min. Marks	
		1	41013511	Shirts & Trousers	TH-I	3 hrs	100	35	
		2	41013521	Fundamental of Garment Technology & Basic Garment sewing	PR-I	3 hrs	100	50	
		3	41013522	Shirts & Trousers	PR-II	6 hrs	200	100	
				TOTAL			400	185	

Syllabus
Shirts & Trousers

Sr.No.	<i>Practical - II</i>	<i>Theory I</i>
1&2	Drafting of shirt based on standard measurements. Practice of Drafting shirt for other size. Practice of drafting shirt for individual measurements.	Introduction to the course its importance and job opportunities. Different type of shirts available due to fitting aspect, Design, Collar, Armhole, Sleeve, Collar, Pocket, etc. Measurements required to draft a shirt. Methods of taking body measurements. Methods of taking measurements from garments. Study of Measurement charts.
3	Practice of running the special Machines to be used in stitching of shirts.	Drafting of shirts Block, Front, Back Sleeves, Collar, Cuff (Full Size) Practice of making Shirt Block in different sizes.
4	Practice of stitching the collars, cuffs with special machines.	Different types of collars to be used in shirts Different types of sleeves to be used in shirts. Different types of cuffs to be used in shirt sleeves.
5	Practice of preparing collars with special machines. Practice of stitching shirts.	Adaptation of shirt block in designer shirts. Adaptation of shirt block in safari shirt.
6	Cutting & Stitching of texture designed shirts.	Practice of cutting shirts in checks /strips (Broad check, Narrow check ,symmetrical check, unsymmetrical check etc) Lay planning of components for matching of design.
7	Practice of stitching shirts with Raglan / Kimono sleeve. Practice of stitching shirts for Corpulent / stooping figures.	Drafting of shirts with Raglan / Kimono sleeve. Drafting of shirts for abnormal figures as corpulent stooping figure
8	Practice of stitching jackets with yokes, Slant pockets & front placket finished with zip.	Drafting of Jackets through direct measurement system and Adaptation through shirt block. Designing of jackets from Denim/ Suiting material.
9	Stitching of shirts using accessories Correction of such pattern and improving in stitched shirt	Knowledge of accessories to be used in shirts & designing of shirts with them. Alteration in pattern due to fitting defects/design etc.
10	Finishing, Pressing and Packing of Shirt. Practice of using the Hi – Tech machines to be used in stitching of Trousers.	Process of Finishing / Checking of Stitched shirt measurements. Different types of trousers available due to the design, fitting, lengths, material etc.
11&12	Practice of making different pockets with Hi – Tech machines .	Material and accessories available for Trousers. Different type of Hi - Tech machines available for stitching the Trousers Measurements required to draft a trousers. Methods of taking Body measurements for Trousers.

13	Practice of Drafting Trousers with Direct measurement system & Drafting of Trousers Block with standard measurement/ Individual measurement	Methods of taking measurements from trousers. Precautions to be taken during taking of measurements. Study of Measurement Charts. Study of Measurements of abnormal figures.
14	Practice of finishing of different Belts, Front Plackets with special machines.	Knowledge of different style to be used in finishing of Belts, Front Plackets etc.
15&18	Stitching of trousers finishing different - Pleated pant - One piece narrow bottom pant - Bell Bottom Pant - Jump Suit - Jeans - Pant for corpulent figures. Pressing & Packing of trousers.	Knowledge of adaptation of trousers block in different styled trousers. Different types of pockets available in trousers. Drafting and Pattern making of different types of trousers according to individual measurements. Process of finishing / checking of measurements
19	Practice of corrections / alterations in the Pattern due to defects.	Knowledge of fitting defects and their alterations
20	Prepare pattern, cut, stitch a ladies trousers & study the difference with gents trousers.	Difference in ladies and Gents Trousers. Different type of Ladies trousers. Measurements of ladies trousers. Drafting a ladies trousers.

Tools, Machinery Equipment etc.

Sr. No.	Description	Quantity
1	Measuring tools – wooden scale, arm sticks(all types), Measure tape, ruler (wooden), Ruler (steel) (24’’))	10 nos.
2	Cutting Seizers 6’’	10 nos.
3	Different type of dummies – children, ladies and gents	As per Requirement
4	Different type of cloth hanger	As per Requirement
5	Scissor 10’	10 nos.
6	Scissors 8’’	10 nos.
7	Tailors Square Plastic	10 nos.
8	Leg Shaper Plastic	10 nos.
9	Marking Wheel	10 nos.
10	Pattern Master (Shaper Set)	10 nos.
11	Hip Curve plastic	10 nos.
12	Arm hole French curve big plastic	10 nos.
13	Sharpener (Table Model)	02 nos.
14	Gum tape Dispenser	02 nos.
15	Waste paper basket – tin\plastic	08 nos.
16	Cutting table with cork sheet top -8’ x 6’	10 nos.
17	Pattern Punch ¼’’	02 nos.
18	Pattern notcher	02 nos.
19	Pattern Hanging Hooks	75 nos.
20	Pattern Hanging Stand	02 nos.
21	Gent’s dress form with stand size 32,34,36,38	01 no.
22	Calulator Desk Type	01 no.

23	Steel Lockers over all sizes 195 cm x 90 cm x 48 cm having a compartment grills with provision for separate locks	03 nos.
24	Locks for above	10 nos.
25	Wall Clock	01 no.
26	White Board (fixed on wall) 120 x 120 cm.	01 no.
27	O.H.P. with trolley and screen	01 no.

Sr.No.	Practical - I - Fundamentals of Garment Technology	
1	Familiarization with different sewing tools & safety precautions in their use. Introduction to sewing machine Smooth running of sewing machine, Smooth running of sewing machine, fabrics. speed control, practice on paper for running the machine in straight lines, making corner, curve lines etc.	Introduction to the course Knowledge of Sewing Hand tools. Knowledge of varieties of threads available in the market. Construction, size, count, meterage, ticket no, twist, durability & suitability to different fabrics.
2	Practice of top stitching – ½” 1/8” 1/16” & 1/32” Cleaning & Oiling of machine. Correct posture during stitching. Threading of machine, filling & fixing of bobbin & bobbin case, practice on cloth for stitching and use of machine attachments.	Introduction to industrial sewing machine- Main parts, their functions, use, oiling & Cleaning of machine, Minor adjustment, machine attachments, feed systems, needles.
3&4	Working on special machines in respect of speed control, threading, minor mechanical adjustment & use of their special function.	Knowledge of the following Industrial sewing machines Double Needle Machine, Double needle machine –feed of the arm over lock machine, Bar tack machine, Button hole machine, button sewing machines, Blind hemming Machine Zig zag machine. their function, main parts & use
5	Practice of working on cutting machine Practice of working on fusing machine.	Introduction to different cutting room machines – straight knife cloth cutting machine, round knife cloth cutting machine, Die cutter etc. Introduction to fusing technology & fusing machines – its necessity & function. Introduction to spreading cum computerized cutting machines
6	.Practice of making different seams.	Knowledge of different seams and seam finishes. Technical Terms used in Garment Technology.
7&8	Threading of needle, starting & ending of stitches. Practice of making different stitches. Making of small useful products from the above exercises.	Introduction to hand stitches -Temporary stitches - Permanent stitches - Classification, construction & their use Making of small useful products from the

Tools, Machinery Equipment etc. for a batch of 25 Trainee

Sr No	Description	Quantity
1	Scissor- 8"	10 nos.
2	Snips	10 nos.
3	Thimble	10 nos.
4	Seam Ripper	10 nos.
5	Screw Driver Set	10 nos.
6	Single needle lock stitch Flatbed High-speed machine – Computerized with UBT	10 nos.
7	Single needle lock stitch with needle feed system - computerized with UBT	2 no
8	2- Needle lock stitch split needle bar	1 No.
9	2- Needle Lock Stitch Fix Bar Machine with Belt Folder	1 No.
10	Feed -off-the arm (light to mid) machine cylinder bed	1 No.
11	3-Thread over lock	1 No.
12	Elastic attaching machine - 4 Needle with Folder	1 No.
14	Five Thread flat lock machine (2 needle)	1 No.
15	Bar taking machine (Computerized)	1 No.
16	Single needle zigzag m/c (Computerized)	1 No.
17	Button hole machine (Computerized)	1 No.
18	Button stitch machine (Computerized)	1 No.
19	Blind Hemming Machine	1 No.
20	1- Needle Two Thread overlock machine	2 Nos.
21	Belt Attaching Machine with Belt Folder	1 No.
22	Mini Boiler - 01 No. With Vacuum Pressing Table - 2 Nos. with Shirt & Trousers Buck Electrical Steam Press Automatic - 2 Nos.	1 Set
