

CURRICULUM

Leather Garments Pattern Maker

6-Months

Code: VF53S003

SCHEME OF STUDIES

Leather Garments Pattern Maker

Sr #	Modules	Theory Hours	Practical Hours	Total Hours
1	1	20	90	110
2	2	60	290	350
3	3	25	100	125
4	4	10	50	60
5	5	25	60	85
6	6	20	50	70
TOTAL HOURS		160	640	800

Curriculum Template

1. Introduction Template

2. Summary Template –Curriculum Development for (Trade name)

3. (Trade Name)Curriculum Contents (Teaching and Learning Guide)

- Module One: (Name of Module)

- Objective of the Module

- Duration of the Module / Theory Hours/ Practice Hours

- Learning Unit / Learning Outcomes/ Learning Element/ Duration/ Materials Required/
Learning Place

4. Assessment Template

5. List of Tools, Machinery & Equipment

6. List of Consumable Supplies

1. Introduction Template

- Name of course

- Leather Garments pattern maker

- Overall objective of course

To provide the basic skill in garment pattern drafting & grading and enables the students to meet the challenges in the Field of pattern making. Moreover, this course will help to prepare skilled workforce of pattern makers for the garment sector. So that they can start their carrier is pattern maker in the apparel industry.

- Candidate will be well equipped with the job knowledge, techniques and precision in performance. Furthermore,
- In the garment industry, products are only as good as the patterns that they are made from. It is up to the professional patternmaker to develop a workable pattern for sampling and mass production. With so much of the profitability and success of the business riding on the original pattern, apparel manufacturers naturally want to hire only the most highly trained patternmakers.

- Competencies gained after completion of course

After completion this course successful the trainee would be able to do

1. Taking measurements on sample/ human body
2. Difference of taking Measurements between gents and ladies
3. Taking body measurements and developing into the block pattern
4. Developing initial pattern according to specifications (Technical package)
5. Converting design in to the initial pattern
6. Fundamental concepts and methods of technical design in production development
7. The elements of technical design, technical sketching and documentation
8. Develop paper patterns and cut in fabric
9. Prepare the pattern for mass production.
10. Assess the proper fitting and adjustments of a garment
11. Developing patterns in various styles from initial templates
12. Applying muslin templates to mannequins with attention to specification and fitting
13. Grading and marker layouts for samples, costing, and mass production
14. Developing linings, cutting, facings, fusible, stays, and stampers for tops and bottoms
15. Variation of cutting margin on the different panels of pattern
16. Developing lining pattern as style
17. Knowledge of basic jacket, product & development

- **Job opportunities available immediately and in the future**
After completion of this course the candidates can do the following areas/field
- Can work as Pattern Maker in apparel industries
- Start their own unit
- Can teach in vocational institutes.
- Opportunities to work abroad

- **Minimum qualification of trainer**
- F.A 6 months certificate in Pattern making and designing and 5 year industrial experience as garments pattern maker

- **Sequence of the modules**
- 1. Takes measurements
- 2. Prepare sketch
- 3. Prepare components for sample
- 4. Upgrade skills
- 5. Communication
- 6. Follow Health & Safety

CURRICULUM SALIENT

Medium of Instruction	:	Urdu/ English/ Regional Language
Entry Level	:	Matric
Duration of Courses	:	6- Months
Total Training Hours	:	800
○ Per week hours	:	40
○ Per day hours	:	7 Hours per day (Friday 5 hours)
Training Methodology	:	Practical 80 % Theory 20 %

2. Overview about the program –Curriculum for (Leather Garments Pattern Maker) –

Module Title and Aim	Learning Units	Theory ¹ Days/hours	Workplace ² Days/hours	Timeframe of modules
Module 1 Takes measurements Aim: This competency deals for taking measurements of garments.	<ol style="list-style-type: none"> 1. Introduction of pattern 2. Select proper instruments 3. Take sample 4. Take specification 5. Record measurements 6. Perform calculation 7. Prepare technical files 	20	90	110
Module 2 Prepare sketch Aim: This competency deals for preparing sketches of garments	<ol style="list-style-type: none"> 1. Draws front base 2. Draws back base 3. Draws sleeve base 4. Draws collars, pockets & flaps ect 5. Make design in base 6. Perform cutting of sketch 7. Draws lining 8. Given seam allowance 9. Perform grading 10. Mention identification number, prepar all markes of pockets, buttons, notches ect. 	60	290	350
Module 3 Prepare components for sample Aim: This competency deals for prepare components for sample	<ol style="list-style-type: none"> 1. Draws <i>sketch</i> on raw material 2. Cut component of front, back, sleeve and other parts of pattern for sample development 3. Coordinate with stitcher for preparation of sample 4. Record keeping of patterns 	25	100	125
Module 4 Upgrade skills Aim:	<ol style="list-style-type: none"> 1. Learn from seniors 2. Attend trainings 3. Read books 4. Learn from internet 	10	50	60

¹ Learning hours in training provider premises

² Training workshop, laboratory and on-the-job workplace

This competency deals for upgrading skill				
Module 5 Communication Aim: This competency deals for communication	<ol style="list-style-type: none"> 1. Communicate with assistants 2. Communicate with supervisor 3. Communicate with stichers 4. Communicate with fabric cutter 5. Communicate with quality controller 6. Communicate with merchandiser 7. Communicate with clients 	25	60	85
Module 6 Follow Health & Safety Aim: This competency deals for Follow health & safety	<ol style="list-style-type: none"> 1. Apply personal safety 2. Apply workplace safety 3. Apply safety for others 4. Apply safety for tools and equipment's 	20	50	70
Total Hours		160	640	800

3. (Leather Garments Pattern Maker) Curriculum Contents (Teaching and Learning Guide)

Module :01

Title **Takes measurements**

Objective of the Module: **The module covers the skills and knowledge of taking accurate measurements for developing pattern.**

Duration: 110 xy hours, Theory: 20 xy hours, Practice: 90 xy hours

Learning Unit	Learning Outcomes	Learning Elements	Duration Th	Pr	Materials Required	Learning Place
Introduction of pattern	To perform Introduction of garments pattern Importance of pattern in	Knowledge of: <ol style="list-style-type: none"> 1. Usage of pattern in factor 2. Need to create pattern 3. Role of pattern drafting in the garment industry 4. Knowledge about taking measurements 5. Importance points to be 	3	5	Garments sample Measurement Instruments Size chart of garments	Class room

	<p>apparel industry</p> <p>measurement techniques and accuracy of importance involved to take measurements</p>	<p>taken</p> <p>Ability to:</p> <ol style="list-style-type: none"> 1. Understand pattern description given by the client 2. Use of proper instruments of taking measurements 3. Take and understand measurement on the scale and measuring tape in inches and centimeters 4. Taking measurements on the important points of element 			
Select proper instruments	<p>To perform</p> <p>This unit aim to learn about the selecting proper instrument for work</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge of various instruments used on the pattern making 2. Knowledge about required tools 3. Quality of instruments 4. Availability of instruments <p>Ability to:</p> <ol style="list-style-type: none"> 1. Proper use of instruments 2. Select tool according to requirements 	2	12	
Take sample	<p>To perform</p> <p>here the trainee learn about the initial steps require to develop pattern</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about sample style 2. Position of sample 3. Material used in the sample 4. Important points to be measured 5. Knowledge about sample problems 6. Write measurements with alignment <p>Ability to:</p> <ol style="list-style-type: none"> 1. Measure each part of for sample in sense of pattern 2. Prepare pattern according to the sample measurements 3. Getting proper measurement to sample 	2	12	

		4. Write sample measurements properly			
Take specification	<p>To perform here the trainee learn about the initial steps require to develop pattern</p> <p>understanding about size chart and measurements</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Measurements direction given in the specification 2. Measurements units 3. Difference between gents and ladies measurements 4. Important points of specification 5. Instruction of pattern given in the specification 6. Knowledge of body parts name In English <p>Ability to:</p> <ol style="list-style-type: none"> 1. Prepare pattern according to the specs 2. Prepare others parts of pattern 3. Per form technical issues of pattern with sample man 4. Taking measurements after completing the sample 	3	13	
Record measurements	<p>To perform This unit gets the knowledge about write measurements on paper through proper channel</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of measurement chart after completing the sample 2. Importance of keeping measurements <p>Ability to:</p> <ol style="list-style-type: none"> 1. Write size chart in pattern physically 2. Keep record of size on file 	3	10	
Perform calculation	<p>To perform Here the trainee learn about calculation of pattern measurements</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. calculations required to take correct measure to meet specifications <p>Ability to:</p> <ol style="list-style-type: none"> 2. Perform mathematical computations related to the apparel and textile industry 	3	13	

		<ol style="list-style-type: none"> 3. Use geometric concepts to create paper 4. patterns 5. Calculate production costs and profits 6. Show proficiency in measuring and using 			
Prepare technical files	To perform Here the trainee learn how to prepare technical files and usage of documents	Knowledge of: <ol style="list-style-type: none"> 1. preparation of file on computer Ability to: <ol style="list-style-type: none"> 2. Providing final specifications and supporting documents 3. Preparing size chart of running production 4. Gathering product information and put in one place 	4	15	

Module :02

Title: **Prepare sketch**

Objective of the Module: **This module covers the skill and knowledge about preparing basic pattern block with specifications and create particular apparel design with all aspects.**

Duration: 350 xy hours, Theory: 60 xy hours, Practice: 290 xy hours

Learning Unit	Learning Outcomes	Learning Elements	Duration Th	Pr	Materials Required	Learning Place
Draws front base	To perform Here the trainee learn about how to prepare front base according to sample/ specs Method to perform uneven measurements Identify required	Knowledge of: <ol style="list-style-type: none"> 1. Knowledge about basic lines 2. Interpret specs for front block 3. Identify required tools and instruments 4. Card board/ pattern sheet for pattern making has been set on the table. 5. Prepare the draft sketch according to specification 	7	35	Measurement tape Box board sheet Ruler Pencil Tracing wheel	Class room

	<p>tools and instruments</p> <p>Clean and prepare the work station</p> <p>Card board/ pattern sheet for pattern making has been set on the table</p>	<ol style="list-style-type: none"> 6. Proceed systematically as per given dimensions/ shapes 7. Give proper dimensions as per fashion and styles 8. Sequence of operation <p>Ability to:</p> <ol style="list-style-type: none"> 1. Develop front block according to size chart 2. Develop neck line and other lines 3. Check measurement and then start sketch on the pattern sheet 4. Apply shrinkage margin to front base 5. Draw the patterns in different sizes and shapes as per given dimensions 6. Apply basic calculations to work with draft/pattern specifications 7. Apply the specification all the parts, shapes, spaces, length, width and curves on the pattern/sketch. 8. Plan and organize to create patterns 9. Maintaining shapes 10. Follow the method of pattern creation with attention 		<p>Shaper set</p> <p>Set scale</p> <p>Scissor 10"</p> <p>Seam allowance pen</p>	
Draws back base	<p>To perform</p> <p>Here the trainee learn about how to prepare back base according to sample/ specs</p> <p>Pattern can be made in line with the design/ sketch, ensuring accurate</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Interpret specs for back block 2. Draw create pattern according to product specification 3. Pattern terminology use to make back part 4. Safety and health procedure of the organization have proper arrangement of light and 	6	30	

	<p>measurements.</p> <p>Arrange the tools and instruments for pattern drafting/sketch</p> <p>Properly use /handle of tools and measuring instruments in work station/lab</p>	<p>ventilation</p> <ol style="list-style-type: none"> 5. Develop patterns as per reference material 6. Plan and organize to create back patterns <p>Ability to:</p> <ol style="list-style-type: none"> 1. Developing back part according to front position 2. Maintaining shapes after completing the measurements 3. Mark the pattern on the pattern sheet and tracing on the card board with tracing wheel 4. Apply shrinkage margin to pattern 5. Existing pattern as reference material 6. Plan and organize to create patterns 			
Draws sleeve base	<p>To perform</p> <p>Here the trainee learn about how to prepare sleeve base according to sample/ specs</p> <p>Fundamental rule to create sleeve</p> <p>Identify required tools and instruments</p> <p>Properly use /handle of tools and measuring instruments in work station/lab</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Interpret specs for sleeve base 2. Draw block of sleeve pattern according to product specification 3. Pattern terminology use to make sleeve base 4. Identifying different kinds of sleeve 5. Perform calculation for preparing upper and lower sleeve 6. Perform arm hole line according to style 7. Prepare sleeve sketch different procedures 8. Knowledge about cuff according to style <p>Ability to:</p> <ol style="list-style-type: none"> 1. Developing sleeve base according to specs 	7	30	

		<ol style="list-style-type: none"> 2. Prepare sleeve according to front and back 3. Develop cuff as per style 			
Draws collars	<p>To perform This sub unit get the skill and knowledge of preparing collar according to style and specs</p> <p>Fundamental rule to create collars</p> <p>Identify required tools and instruments for giving shapes to collar</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Interpret specs for collar base 2. Draw block of collar pattern according to product specification 3. Pattern terminology use to make collar base 4. Identifying different kinds of collar 5. Perform calculation for preparing collar <p>Ability to:</p> <ol style="list-style-type: none"> 1. Prepare collar block as per specs 2. Maintaining shapes after completing the measurements 3. Developing collars in different styles 	6	35	
Make design in base	<p>To perform This unit get the skill and knowledge of</p> <p>Pattern creation according to particular apparel design</p> <p>Create pattern/sketch as per given different styles of garments</p> <p>Keep knowledge of apparel design and classification</p> <p>Knowledge of small medium</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Convert design according to sketch sheet given by client 2. Develop design according to base pattern 3. Proportions of designs 4. Follow the design creation according to fabric and existing fashion 5. Create an exciting shape that is figure flattering <p>Ability to:</p> <ol style="list-style-type: none"> 1. Converting design into the base pattern according customer requirement 2. Convert design with proportions 3. Developing design in sense of fabric 4. Plan and organize to create pattern particular 	5	30	

	and large standard size chart can be used as per apparel design and quality.	<p>apparel design and classifications</p> <ol style="list-style-type: none"> 5. Make design easier to stitch 6. Make notches in design for joining procedure 7. Draw details on outlined parts to indicate where parts are to be joined, as well as the positions of pleats, pockets, buttonholes, and other features, 8. Add volume, gathers ruffles, pleats, cuffs, tucks, darts etc. 9. Create an exciting shape that is figure flattering 			
Perform cutting of sketch	<p>To perform Here the trainee learn about how to cut box board sheet</p> <p>Importance of cutting patterns</p> <p>Kinds of cutting procedure</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Cut the pattern according to marked design 2. Properly use/handle of tools and cutting instrument 3. Importance of proper cutting 4. Identify the require tools 5. Accuracy including of cutting pattern <p>Ability to:</p> <ol style="list-style-type: none"> 1. Cutting each pattern pieces on marked design 2. Smoothly cut design on deep shapes 3. Cut pattern with scissor 4. Cut pattern design with knife 5. Cut marked notches 6. Cut various /all pieces has been done with notice to detail 	6	30	
Draws lining	<p>To perform Here the trainee learn about how to prepare lining sketch according to style</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of usage of lining in garments 2. Type and style of garment in which the lining will be used 	5	30	

	<p>Knowledge about usage of lining in garments</p> <p>Fundamental rule for developing lining</p>	<ol style="list-style-type: none"> 3. Separate lining pattern in to the body base pattern 4. Joining procedure of lining in outer shell 5. Difference between lining and outer shell pattern <p>Ability to:</p> <ol style="list-style-type: none"> 1. Create lining pattern according to different kinds 2. Make lining as per fabric type 3. Make difference between lining and outer shell pattern 			
Give seam allowance	<p>To perform</p> <p>This unit get the knowledge and skill of margin giving to ready shape pattern for stitching</p> <p>Variation of seam allowance on the different parts of panels</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of seam allowance for stitching 2. Cut the pattern according to marked points 3. Knowledge about variation on the different parts of panels <p>Ability to:</p> <ol style="list-style-type: none"> 1. Maintaining shapes after giving seam margin to ready shape pattern 2. Perform different seam margin on the different panels of pattern 3. Apply seam allowance according to top stitch 4. Accurately including of seam allowances, ease allowances, grain lines, notches functional opening and drill marks 	7	30	
Perform grading	<p>To perform</p> <p>This unit covers the skills and knowledge to pattern grading for different styles and sizes of garments by Master Pattern.</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Interpret order sheet for grading 2. Knowledge about Even/Uneven Grading procedure 3. Pattern wise difference in sizes 4. Alignments of master 	5	20	

	<p>According to size mark points Check pattern pieces for accuracy,</p> <p>Including seam allowances, ease allowances, seam match and functional opening.</p> <p>To get complete skill and knowledge of grading and all the aspects.</p>	<p>pattern before perform grading</p> <ol style="list-style-type: none"> 5. Knowledge about size ups and down 6. Knowledge of pattern grading for different styles and sizes of garments by master plan after getting complete size chart. 7. Make grading for different variation of garments 8. Follow the basic size and increasing and decreasing sizes on the different points <p>Ability to:</p> <ol style="list-style-type: none"> 1. Understand grading sheet requirements given by customer 2. Perform grading with ready shape pattern 3. Perform grading with cutting pattern 4. Pick Grading related issues mentions on order sheet 5. Maintaining pattern shapes before perform grading 6. Perform grading with regular procedure 7. Perform grading with uneven sizes 8. Make grading for different size and styles by master pattern 9. Plan and organize to make grading all pattern pieces 10. Perform calculation for grading 11. Checking measurements of each size after perform grading of all sizes 			
Mention identification number	To perform This unit covers the skills and knowledge about	Knowledge of: <ol style="list-style-type: none"> 1. Name and numbering of each part of pattern 2. Quantity of pattern panels 	6	20	

	<p>Mention identification of each part of pattern</p> <p>Importance of numbering</p>	<p>cut on fabric</p> <p>3. Knowledge about grain line and notches</p> <p>Ability to:</p> <ol style="list-style-type: none"> 1. Maintaining patterns with numbering and identification 2. Write pattern article name on each part of pattern 3. Write size and mention other detail on pattern 4. Apply grain line to pattern for cutting 5. Apply notches on the important points of pattern 			
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Module :03

Title: **Prepare components for sample**

Objective of the Module: **This module covers the skill and knowledge about preparation of components for sample**

Duration: 125 xy hours, Theory: 25 xy hours, Practice: 100 xy hours

Learning Unit	Learning Outcomes	Learning Elements	Duration Th Pr	Materials Required	Learning Place
Draws sketch on raw material	To perform this unit get the skill and knowledge of draw pattern on fabric according to cut plan and tracing on fabric with the help of the master plan	Knowledge of: <ol style="list-style-type: none"> 1. Draw patterns on fabric according to cutting plan 2. Fabric work specification and tools 3. Knowledge about fabric width 4. Knowledge about line of stretch ability of fabric 5. Maximum utilization of fabric with excellence and carefully tracing according to pattern layout 6. Draw notches on fabric according to pattern 7. Make the fabric best 	7 30	Raw material Scissor 10"	Class room

		<p>useful in the layout of pattern and pattern places on the fabric</p> <p>8. Align the fabric and cutting plan</p> <p>Ability to:</p> <ol style="list-style-type: none"> 1. Place the pattern/layout on the fabric. 2. Tracing on the fabric according to master pattern carefully 3. Tracing carefully with maximum utilization of fabric 4. Read, interpret and follow information on work specifications, standard operating procedures and work instructions and other reference material 5. Make hot notches and small notches during cutting with electric cutter 6. Check tracing before after cutting 7. Draw pattern on fabric according to cutting plan. 8. Laying the pattern and place on the fabric 9. Make sure best utilization of the fabric during cutting procedure. 			
<p>Cut component of front, back, sleeve and other parts of pattern for sample development</p>	<p>To perform this unit get the skill and knowledge of about completing accessories for developing sample</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Cut pattern components according to pattern information 2. Cut front portion with best part of fabric 3. To get the cutting material for numbering 4. Check before, after and during parts cutting with regard to the pitch of cutting 5. Separate the cut pieces and mark numbering 	6	25	

		<ol style="list-style-type: none"> 6. After the separation of cut pieces to make bundles according information and mark label and size. 7. Minimize wastage of fabric during cutting and utilize the best techniques 8. Hat notches make small notches during cutting <p>Ability to:</p> <ol style="list-style-type: none"> 1. Follow the cutting plan according to specifications 2. Cut notches and proper placing according to pattern information 3. Cut the fabric in different size and shapes as per given pattern using by electric cutter 4. Follow the safety precautions while using cutting tools especially the electric knives. 5. Use for cut notches scissor/fabric sheer if single fabric layer. 6. Cut parts of garment on the pitch of cutting 7. Arrange/make bundle carefully and mark numbering on each piece 8. Mark the labels an size of all bundles 9. Make sure that all pieces are correctly bundled, labeled and sized 			
Coordinate with stitcher for preparation of sample	To perform this unit get the skill and knowledge of proper coordinate with stitcher for developing sample according to the pattern	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of coordinate of pattern master with sample man 2. Knowledge about material used in sample 3. Importance of stitcher advise <p>Ability to:</p> <ol style="list-style-type: none"> 1. Preparation of sample 	6	25	

		<p>according to pattern</p> <ol style="list-style-type: none"> 2. Apply require seems on sample 3. Follow the pattern problems while preparation of sample 4. Avoid sampling problems on production 5. Coordinate with stitcher in case of difficult design 			
Record keeping of patterns	To perform this unit get the skill and knowledge of keeping proper record of pattern	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Pattern saving and hanging knowledge 2. Keep record of pattern on register 3. Keeping pattern on dry place 4. Knowledge about saving paths 5. Keep pattern with names <p>Ability to:</p> <ol style="list-style-type: none"> 1. Update record register daily 2. Make identification on pattern before keeping record 3. Select dry place to save and keeping patterns 4. Hang pattern identification chit 	6	20	

Module :04

Title: **Upgrade skills**

Objective of the Module: **This module covers the skill and knowledge about upgrading skills through consulting with different departments**

Duration: 60 xy hours, Theory: 10 xy hours, Practice: 50 xy hours

Learning Unit	Learning Outcomes	Learning Elements	Duration Th	Pr	Materials Required	Learning Place
Learn from seniors	To perform this unit get the skill and knowledge of draw pattern on	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about how can upgrade skills by consulting with senior pattern masters 	2	13	Relevant book Computer /internet	Class room

	<p>fabric according to cut plan and tracing on fabric with the help of the master plan</p>	<ol style="list-style-type: none"> 2. Apply knowledge and understanding through identifying, selecting and using various method or systems 3. Consult with seniors which certain problem occurs while developing new style and products <p>Ability to:</p> <ol style="list-style-type: none"> 1. Can better perform by upgrading his skill in the field of pattern making 2. Ability to analyzing, screening and selecting the material. 3. Evaluate the quality, design and construction of the garments pattern 			
Attend trainings	<p>To perform This unit aims to get Understanding and application of personal development in that profession/ training</p> <p>Able and motivated to participate in training</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Experimental and combination of wide range of the development 2. Standard quality plan for garment industry 3. Task on time according to define methodology 4. Importance of further training on pattern maker 5. Understand the importance of the skill test for future growth/career 6. Knowledge of advantages of getting technical and professional trainings <p>Ability to:</p> <ol style="list-style-type: none"> 1. Ability to participate in training actively and motivated 2. Find training paths 3. Keep in touch with trainers 	2	10	
Read books	<p>To perform This unit aims to get knowledge about how</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Gather books of relevant field 2. How to take advantage by 	2	12	

	important to read relevant books for upgrading personal skill	<p>using pattern books</p> <ol style="list-style-type: none"> 3. Seeking ability 4. Knowledge about different method use for pattern development in other countries through books <p>Ability to:</p> <ol style="list-style-type: none"> 1. Can understand the techniques to develop pattern in book 2. 			
Learn from internet	To perform This unit aims to get knowledge about getting latest techniques through internet	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Using internet in positive ways 2. Techniques to search relevant web sites 3. Take advantage through social network 4. Gathering material through internet <p>Ability to:</p> <ol style="list-style-type: none"> 1. Can use internet for sort out problems related to pattern making 2. Get the latest techniques through internet communication 	4	15	

Module :05

Title: **Communication**

Objective of the Module: **This module covers the skill and knowledge about importance of communication with different departments**

Duration: 85 xy hours, Theory: 25 xy hours, Practice: 60 xy hours

Learning Unit	Learning Outcomes	Learning Elements	Duration Th	Pr	Materials Required	Learning Place
Communicate with assistants	To perform This unit gets trainee to be able to maintain team work for	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about communication and its importance for conducive behavior with helper 	5	10		Class room

	<p>effective relationship with juniors/ colleagues</p> <p>Positive attitude for strong teamwork</p>	<ol style="list-style-type: none"> 2. Importance of Positive attitude for team work 3. Advantages of teamwork to achieve organizational goals <p>Ability to:</p> <ol style="list-style-type: none"> 1. Ability to work in a team 2. Display positive attitude towards colleague for promoting team spirit 3. Learner will be able to understand that how to communicate with helper to motivate for specific task. 			
Communicate with supervisor	<p>To perform</p> <p>At the end of this unit a trainee will be able to communicate effectively within the rules of the workplace while interacting with supervisor</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about communication and its importance for conducive behavior with supervisor 2. Importance of production in time 3. Increase productivity 4. Advantage of mind understanding with supervisor 5. exchange knowledge with supervisor for enhancing production 6. Explain and demonstrate effective communication skills and interaction with colleagues <p>Ability to:</p> <ol style="list-style-type: none"> 1. Discuss sample before starting production 2. Solving pattern problems before starting production 3. Planning and controlling production along with production manager 4. Planning different kinds of processing systems for production 7. Exchanging views about object in which certain 	4	8	

		<p>problem occurs while working</p> <ol style="list-style-type: none"> 8. Adopting new techniques after exchanging views 9. Developing new techniques and ideas for enhancing productivity 			
Communicate with stitcher	<p>To perform At the end of this unit a trainee will be able interact with stitcher</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about communication and its importance for conducive behavior with stitches 2. Advantage of mind understanding with stitches 3. Knowledge about pattern problems during sample stitching <p>Ability to:</p> <ol style="list-style-type: none"> 1. Making pattern design easier for stitching 2. Covering pattern problems during sample stitching and prepare for production 3. Preparing better stitching and other technical points before start production 	3	8	
Communicate with fabric cutter	<p>To perform Here the trainee learn the Knowledge and importance of communication with fabric cutting dept.</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of cutting dept. 2. Manual cutting procedure 3. Knowledge about cutting plan 4. Layout plan of fabric 5. Kinds of fabric use in product 6. Combination of fabric <p>Ability to:</p> <ol style="list-style-type: none"> 1. Enhancing fabric utilization and controlling wastage with cutter 2. Can make easier cutting plan for fabric cutter 3. Exchanging views about cutting layout manually 	3	7	

		<ol style="list-style-type: none"> 4. Perform bench mark with cutter 5. share views about controlling wastage 			
Communicate with quality controller	<p>To perform Here the trainee learns the Knowledge and importance of communication with quality controller</p> <p>Role of quality controller in apparel industry</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. knowledge about product quality 2. knowledge about different aspects of quality assurance 3. acceptable and un acceptable garments 4. measurement tolerance given by customer 5. knowledge about garments trimming 6. Importance of quality assurance dept. <p>Ability to:</p> <ol style="list-style-type: none"> 1. Can perform with quality controller through proper communication for ensuring quality of product 	2	9	
Communicate with merchandiser	<p>To perform This unit gets trainee to be able to communicate effectively within the rules of the workplace while communicating with merchandiser</p> <p>Prepare technical answer along with merchandiser for customers</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge of product developing instruction behalf of the Clint 2. Importance of merchandiser in factory <p>Ability to:</p> <ol style="list-style-type: none"> 1. Preparing technical answer with merchandiser 2. Prepare sample according to merchandiser instruction 3. Given approximate time for pattern development to merchandiser 4. Communicate with merchandiser for enhancing product quality 5. Inform merchandiser in case of wrong instruction or size chart delivered by customer 	3	8	
Communicate	To perform	Knowledge of:	5	10	

with clients	This unit gets trainee to be able to communicate effectively within the rules of manner with customers.	<ol style="list-style-type: none"> 1. An organization rules regarding communication. 2. Effective communication skills including listening skills 3. Workplace and profession related to vocabulary <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate in Urdu, English and local languages. 2. Handle complaints politely and properly. 3. Handle conflicts and arguments peacefully 4. Can understand the sense of clients 			
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Module :06

Title: **Follow Health & Safety**

Objective of the Module: **This module cover the knowledge and skill pertaining to adopt safety precautions for personal safety, workplace and equipment**

Duration: 70 xy hours, Theory: 20 xy hours, Practice: 50 xy hours

Learning Unit	Learning Outcomes	Learning Elements	Duration Th	Pr	Materials Required	Learning Place
Apply personal safety	To perform Apply personal safety precautions. While working on room	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Basic legal requirements for health and safety at work 2. Situational Awareness 3. Know how to plan and organize their work to minimize risks to their personal safety 4. Personal Protective Equipment 5. Be able to identify and adopt practical ways of protecting their personal safety while at work 6. Improve physical environment or comfort. <p>Ability to:</p> <ol style="list-style-type: none"> 1. Assessing personal safety risks - how likely is something to happen 	6	15	Safety precautions	Class room

		<ol style="list-style-type: none"> 2. Be able to identify situations where their personal safety may be at risk 3. Most effective methods of reducing personal safety risks 			
Apply workplace safety	<p>To perform Follow the safety precautions at work place while using different types of tools.</p> <p>Recognize and explain workplace health safety and security requirements</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Workplace Expectations 2. Employer Responsibilities 3. Incident Reporting 4. Housekeeping 5. Manual Handling 6. Emergency Procedures <p>Ability to:</p> <ol style="list-style-type: none"> 1. Understand and apply the principles of occupational health and safety practices in a company 2. Recognize emergency situations and understand correct response procedures (e.g., alert appropriate authority, apply basic first aid) 3. Ability to clean and organize the work environment to avoid any hazardous incident 4. Regularly clean materials, tools and equipment after use 	5	10	
Apply safety for others	<p>To perform Trainee will be able to apply safety precautions for others</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about safety precautions for others <p>Ability to:</p> <ol style="list-style-type: none"> 1. Care tools and equipment 2. Keep away sharp tools after usage 	4	15	
Apply safety for tools and	<p>To perform Trainee will be</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge of the 	5	10	

equipment's	able to apply safety precautions for tools and equipment	<p>importance of the safety devices and their usage while working on a table</p> <p>2. Knowledge about safety precautions for tools and equipment</p> <p>Ability to:</p> <p>1. Safe use and care of tools and Equipment</p> <p>2. Response to emergency situations</p> <p>3. Identify and know how to respond appropriately to emergencies, including (Cuts, Needle injuries, Burns, Electrical shocks, Fires)</p>			
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Assessment Template

Module 1 (Takes measurements)

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Introduction of pattern	20	90	<p>The examiner can ask a trainee to describe the importance of pattern in apparel industries</p> <p>interpret the word pattern making</p>	Oral Practical Short Answer Questions	At the end of module
Select proper instruments			<p>The examiner can ask a trainee to demonstrate the skill of require instrument for proper work</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while selecting wrong instrument</p> <p>identify tools and equipment name and safety precautions for tools</p>	Oral Practical Direct Observation Short Answer Questions	At the end of module
Take sample			<p>The examiner can ask a trainee to demonstrate the skill of how to measure sample for preparing pattern block</p>	Oral Practical Direct Observation Short Answer	At the end of module

			Can ask trainee to Identify a situation and object in which certain problem occurs while taking measurement into the sample identify require tools and equipment	Questions	
Take specification			The examiner can ask a trainee to demonstrate the skill of how to prepare pattern block according to the specs Can ask trainee to Identify a situation and object in which certain problem occurs while preparing pattern according to the customer specifications	Oral Practical Direct Observation Short Answer Questions	At the end of module
Record measurements			The examiner can ask a trainee to demonstrate the skill of how to maintain record of measurements Can ask trainee to Identify a situation and object in which certain problem occurs while keeping record of specs	Oral Practical Direct Observation Short Answer Questions	At the end of module
Perform calculation			The examiner can ask a trainee to demonstrate the skill of how to perform calculation for pattern block Can ask trainee to Identify a situation and object in which certain problem occurs while perform calculation identify require tools and equipment	Oral Practical Direct Observation Short Answer Questions	At the end of module
Prepare technical files			The examiner can ask a trainee to demonstrate the skill of how to prepare technical files for product developments identify require tools and equipment	Oral Practical Direct Observation Short Answer Questions	At the end of module

Assessment Template

Module 2 (Prepare sketch)

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Draws front base	60	290	<p>The examiner can ask a trainee to demonstrate the skill of preparing front block according to specs</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing front part</p> <p>identify require tools and equipment safety precautions for work</p>	Oral Practical Direct Observation Short Answer Questions	At the end of module
Draws back base			<p>The examiner can ask a trainee to demonstrate the skill of preparing back block according to specs</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing back part</p> <p>identify require tools and equipment safety precautions for work</p>	Oral Practical Direct Observation Short Answer Questions	At the end of module
Draws sleeve base			<p>The examiner can ask a trainee to demonstrate the skill of preparing sleeve block according to specs</p> <p>Explain different kinds of sleeve used in the garments</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing sleeve part</p> <p>identify require tools and equipment safety precautions for work</p>	Oral Practical Direct Observation Short Answer Questions	At the end of module
Draws collars			<p>The examiner can ask a trainee to demonstrate the skill of preparing collar block according to specs</p> <p>Explain different kinds of collar used</p>	Oral Practical Direct Observation Short Answer	At the end of module

			<p>in the garments</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing collar</p> <p>identify require tools and equipment safety precautions for work</p>	Questions	
Make design in base			<p>The examiner can ask a trainee to demonstrate the skill of converting design into the base pattern</p> <p>Explain different kinds of design used in the garments</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while making design into the base pattern</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Perform cutting of sketch			<p>The examiner can ask a trainee to demonstrate the skill of cutting base sketch with scissor and knife</p> <p>Explain different kinds of cutting method</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while perform cutting of base pattern</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Draws lining			<p>The examiner can ask a trainee to demonstrate the skill of preparing lining</p> <p>Explain the usage of lining in garments</p> <p>Can ask trainee to Identify a situation and object in which certain problem</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

			occurs while developing lining pattern		
			identify require tools and equipment safety precautions for work		
Give seam allowance			<p>The examiner can ask a trainee to demonstrate the skill of giving seam margin for stitching</p> <p>Explain seam variation on the different parts of panels</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while given seam allowance</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Perform grading			<p>The examiner can ask a trainee to demonstrate the skill of grading</p> <p>Explain the grading difference in country wise</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while perform grading to master pattern</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Mention identification number			<p>The examiner can ask a trainee to demonstrate the skill applying identification on pattern</p> <p>Explain the importance of identification</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while mention identification number on pattern</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

Module 3 (Prepare components for sample)

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Draws sketch on raw material	25	100	<p>The examiner can ask a trainee to demonstrate the skill of tracing pattern on fabric</p> <p>Explain different kinds material used in garments</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while tracing pattern on raw material</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Cut component of front, back, sleeve and other parts of pattern for sample development			<p>The examiner can ask a trainee to demonstrate the skill cutting component for sample development</p> <p>Explain the different parts of pattern</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while cutting components for preparation of sample</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Coordinate with stitcher for preparation of sample			<p>The examiner can ask a trainee Describe the skill of coordinating with stitcher for the preparation of sample</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while stitch sample</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

Record keeping of patterns			<p>The examiner can ask a trainee to demonstrate the skill keeping record of pattern</p> <p>Explain the importance of saving patterns</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while keeping record of pattern</p> <p>identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
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Module 4 (Upgrade skills)

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Learn from seniors	10	50	<p>The examiner can ask a trainee Describe the importance of up grading skills</p> <p>Explain how important of seniors members</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Attend trainings			<p>The examiner can ask a trainee Describe the importance of training</p> <p>Explain how to get proper training</p>	<p>Oral Short Answer Questions</p>	At the end of module
Read books			<p>The examiner can ask a trainee Describe the importance of books</p> <p>Explain how to get advantage in reading relevant books</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

Learn from internet			<p>The examiner can ask a trainee Describe the importance internet in up grading skills</p> <p>Explain how to get advantage of internet and other social network</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
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Module 5 (Communication)

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Communicate with assistants	25	60	<p>The examiner can ask a trainee to Illustrate the importance of communication</p> <p>Explain the advantage of team work</p> <p>Identify the areas and points where pattern maker need to communicate with assistants</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Communicate with supervisor			<p>The examiner can ask a trainee to Illustrate the importance of communication with supervisor</p> <p>Explain the advantage of team work</p> <p>Identify the areas and points where pattern maker need to communicate with supervisor</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Communicate with stichers			<p>The examiner can ask a trainee to Illustrate the importance of communication with stichers</p> <p>Explain the advantage of team work</p> <p>Identify the areas and points where pattern maker need to communicate with sticher</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Communicate			The examiner can ask a trainee	Oral	At the end

with fabric cutter			to Illustrate the importance of communication with fabric cutter Identify the areas and points where pattern maker need to communicate with fabric cutter	Practical Direct Observation Short Answer Questions	of module
Communicate with quality controller			The examiner can ask a trainee To describe the role of quality controller in industries Identify the areas and points where pattern maker need to communicate with quality controller	Oral Practical Direct Observation Short Answer Questions	At the end of module
Communicate with merchandiser			The examiner can ask a trainee to Illustrate the importance of communication with merchandiser Explain the advantage of team work Identify the areas and points where pattern maker need to communicate with merchandiser	Oral Practical Direct Observation Short Answer Questions	At the end of module
Communicate with clients			The examiner can ask a trainee to Illustrate the importance of communication with clients identify the areas and points where pattern maker need to communicate with clients	Oral Practical Direct Observation Short Answer Questions	At the end of module

Module 6 (Follow Health & Safety)

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
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Apply personal safety	20	50	The examiner can ask a trainee Describe the importance of apply personal safety while working identify tools and equipment and for personal safety precautions	Oral Practical Direct Observation Short Answer Questions	At the end of module
Apply workplace safety			The examiner can ask a trainee Describe the importance of apply workplace safety while working identify tools and equipment and for workplace safety precautions	Oral Practical Direct Observation Short Answer Questions	At the end of module
Apply safety for others			The examiner can ask a trainee Describe the importance of apply safety for others while working identify tools and equipment and for safety precautions for others	Oral Practical Direct Observation Short Answer Questions	At the end of module
Apply safety for tools and equipment's			The examiner can ask a trainee Describe the importance of apply safety for tools and equipment identify tools and equipment and for safety precautions for tools and equipment	Oral Practical Direct Observation Short Answer Questions	At the end of module

Supportive notes

- Assessment context
- Critical aspects
- Assessment condition
- Resources required for assessment

2. List of Tools, Machinery & Equipment

Name of Trade	Leather Garments Pattern Maker
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Duration		6 months
Sr. No.	Name of Item/ Equipment / Tools	Qty.
1.	Measuring Tape	
2.	Ruler 1 foot/ 30 cm/60 cm/100 cm	
3.	Shaper set	
4.	Pattern Table	
5.	Pattern Chair	
6.	Over Head Projector	
7.	White Board	
8.	Set squair	
9.	Scissor 10"	
10.	Tracing Wheel/ Pattern hanger and stand	
11.	Knife	
12.	Dummy (ladies and gents)	
13.	Computer complete set & standard dummy	

3. List of Consumable Supplies

Name of Trade	Leather Garments Pattern Maker
Duration	6 months

Sr. No.	Name of Consumable Supplies
1.	Box board sheets
2.	Paper rim A4
3.	Paper tape 1"/ Crystal tap in different sizes
4.	Catch Pencil
5.	Writing Marker
6.	Black Pointer
7.	Board Marker
8.	Tailoring Chalk
9.	Raiser
10.	Correction pen/ Highlighter marker