

CURRICULUM

For

Leather Gloves Pattern Maker

6-Months

Code: VF53S005

SCHEME OF STUDIES

Leather Gloves Pattern Maker

Sr #	Modules	Theory Hours	Practical Hours	Total Hours
1	Take Measurement	20	90	110
2	Prepare Sketches	60	290	350
3	Components for Samples	25	100	125
4	Upgrade Skills	10	50	60
5	Communication	25	60	85
6	Follow Health Safety	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 Gloves pattern making

- **Overall objective of course**

To provide the basic skill in Gloves pattern and enables the students to meet the challenges in the Field of pattern and prepare skilled workforce on Gloves pattern for the gloves sector. So they can enter in Glove Field with the level of competencies.

Well equipped with the job knowledge techniques and precision in performance.

In the gloves industry, products are only as good as the patterns that they are made for the required product. It is up to the professional patternmaker to take the designs or a prototype gloves and develop it into a workable pattern for mass production. With so much of the profitability and success of the business riding on the original pattern, 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 operate

1. Taking measurements on sample/ human body
2. Difference of taking Measurements between gents and ladies
3. Taking human hand/Sample measurements and developing into the block pattern
4. Developing initial pattern according to specifications
5. Converting design in to the initial patterns
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/Leather
9. Prepare the pattern for mass production.
10. Assess the proper fitting and adjustments of a glove
11. Developing patterns in various styles from initial templates
12. Apply attention to specification and fitting of gloves
13. Grading and marker layouts for samples, costing, and mass production
14. Develop linings, cutting, fusing and stamps for tops and bottoms
15. Variation of cutting margin on the different panels of pattern
16. Develop lining pattern as per style
17. Develop basic gloves, product

- **Job opportunities available immediately and in the future**
After completion of this course the candidates can do the following areas/field
- Can work as gloves pattern maker in industries
- Start their own unit
- Can teach in vocational institutes.
- Opportunities to work abroad
- **Trainee entry level**
- **Matric**
- **Minimum qualification of trainer**
- F.A 6 months certificate in Pattern making and designing and 5 year industrial experience as Gloves Patternmaker
- **Medium of Instruction i.e. language of instruction**
- Urdu& English
- **Sequence of the modules**
- 1. Takes measurements
- 2. Prepare sketch
- 3. Prepare components for sample
- 4. Upgrade skills
- 5. Communication
- 6. Follow Health & Safety

Timeframe of assessment (recommendation)

- Duration of Course: 6 Months
- Total Hours: 800 Hours
- Per Day Hours: 07 Hours (Friday 05 Hours)
- Per Week Hours: 40 Hours

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

Module Title and Aim	Learning Units	Theory ¹ Days/hours	Workplace ² Days/hours	Timeframe of modules
<p>Module 1</p> <p>Takes measurements</p> <p>Aim: This module deals with the skill & knowledge of taking measurements of gloves</p>	<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
<p>Module 2</p> <p>Prepare sketch</p> <p>Aim: This module deals with the skill & knowledge of making prepare sketch</p>	<ol style="list-style-type: none"> 1. Draw front base 2. Draw back base 3. Drawthumb base 4. Drawforechette 5. Make design in base 6. Perform cutting of sketch 7. Draw lining 8. Give seam allowance 9. Perform grading 10. Mention identification number 	60	290	350
<p>Module 3</p> <p>Prepare components for sample</p> <p>Aim: This module deals with the skill & knowledge to prepare components for sample</p>	<ol style="list-style-type: none"> 1. Draw sketch on raw material 2. Cut component of front, back, thumb, forechette and other parts of pattern for sample development in required materials 3. Coordinate with stitcher for preparation of sample 4. Record keeping of patterns 	25	100	125
Module 4	<ol style="list-style-type: none"> 1. Learn from seniors 	10	50	60

¹ Learning hours in training provider premises

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

<p>Upgrade Pattern Making Skills Aim: This module deals with the skill & knowledge to upgrade pattern making skills</p>	<ol style="list-style-type: none"> 2. Attend trainings 3. Read books 4. Learn from internet 			
<p>Module 5 Communication Aim: This module deals with the skill & knowledge of communication</p>	<ol style="list-style-type: none"> 1. Communicate with assistants 2. Communicate with supervisor 3. Communicate with stitchers 4. Communicate with gloves cutter 5. Communicate with quality controller 6. Communicate with merchandiser 7. Communicate with clients 	25	60	85
<p>Module 6 Follow Health & Safety Aim: This module deals with the skill & knowledge for health & safety</p>	<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

3. (Leather Gloves 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:110hours Theory: 20 hours Practice: 90 hours

Learning Unit	Learning Outcomes	Learning Elements	Durati on	Materials Required	Learning Place
Introduction of pattern	<p>To perform</p> <p>Understanding importance of glove patterns</p> <p>Able to use the techniques for pattern making.</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> Usage of pattern in factor Need to create pattern Role of pattern drafting in the gloves industry Knowledge about taking measurements Important points to be taken <p>Ability to:</p> <ol style="list-style-type: none"> Understand pattern description given by the client Use of proper instruments of taking measurements Take and understand measurement on the scale and measuring tape in inches or centimeters Taking measurements on the important points of element 	Th-3 Pr -12	<p>Gloves sample</p> <p>Measurement Instruments</p> <p>Size chart of gloves</p>	Class room
Select proper instruments	<p>Understands identification of different instruments</p> <p>Able to select and use required instrument for pattern making</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> Knowledge of various instruments used on the pattern making Knowledge about required tools Quality of instruments Availability of instruments <p>Ability to:</p> <ol style="list-style-type: none"> Proper use of instruments Select tool according to 	Th-3 Pr -12		

		requirements			
Take sample	To perform Here the trainee learn about the initial steps require to develop pattern	Knowledge of: <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 Ability to: <ol style="list-style-type: none"> 1. Measure each part of sample in sense of pattern 2. Prepare pattern according to the sample measurements 3. Getting proper measurement to sample 4. Write sample measurements properly 	Th-2 Pr -8		
Take specification	To perform Here the trainee learn about the initial steps require to develop pattern Understanding about size chart and measurements	Knowledge of: <ol style="list-style-type: none"> 1. Measurements direction given in the specification 2. Measurements units 3. Difference between gents and ladies gloves measurements 4. Important points of specification 5. Instruction of pattern given in the specification 6. Knowledge of hand parts name In English Ability to: <ol style="list-style-type: none"> 1. Prepare pattern according to the specs 2. Prepare others parts of pattern 3. Perform technical issues of pattern with sample stitcher 4. Taking measurements after completing the sample 	Th-3 Pr -12		
Record measurements	To perform This unit gets	Knowledge of: <ol style="list-style-type: none"> 1. Importance of measurement 	Th-3 Pr -12		

	the knowledge about write measurements on paper through proper channel	<p>chart after completing the sample</p> <ol style="list-style-type: none"> Importance of keeping measurements <p>Ability to:</p> <ol style="list-style-type: none"> Write size/style number & number of piece required for cutting in pattern Keep record of style number in file 			
Perform calculation	To perform Here the trainee learn about calculation of pattern measurements	<p>Knowledge of:</p> <ol style="list-style-type: none"> Calculation required to take correct measurement to meet specifications <p>Ability to:</p> <ol style="list-style-type: none"> Perform mathematical computations related to the gloves industry Use geometric concepts to create paper patterns Show proficiency in measuring 	Th-5 Pr -15		
Prepare technical files	To perform Here the trainee learn how to prepare technical files and usage of documents	<p>Knowledge of:</p> <ol style="list-style-type: none"> Preparation of file <p>Ability to:</p> <ol style="list-style-type: none"> Mention model name or style number Providing final specifications and supporting documents Preparing size chart of running production Identifying materials compositions Gathering product information and put in one place 	Th-5 Pr -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 gloves design with all aspects.

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

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
Draw front base	<p>To perform Here the trainee learn about how to prepare front base according to sample/ specs</p> <p>Method to perform uneven measurement s</p> <p>Identify required 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>	<p>Knowledge of:</p> <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 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. Check measurement and then start sketch on the pattern sheet 3. Apply shrinkage margin to front base and seam allowances 4. Draw the patterns in different sizes and shapes as per given dimensions 5. Apply basic calculations to work with draft/pattern specifications 6. Apply the specification all the parts, shapes, spaces, 	Th-15 Pr -55	<p>Measurement Tape</p> <p>Box Board Sheet</p> <p>Geometry Box</p> <p>Ruler</p> <p>Led Pencil</p> <p>Tracing Wheel</p> <p>Curve Set</p> <p>Square Set</p> <p>Hole Puncher</p> <p>Set scale</p> <p>Scissor</p> <p>Leather Knife Cutter</p> <p>Seam Allowance Pen</p> <p>Stapler</p> <p>Scotch/Paper Tape</p>	Class room

		<p>length, width and curves on the pattern/sketch.</p> <ol style="list-style-type: none"> 7. Plan and organize to create patterns 8. Maintaining shapes 9. Follow the method of pattern creation with attention 			
Draw back base	<p>To perform 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 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>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. Develop patterns as per reference material 5. 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. Existing pattern as material reference 4. Plan and organize to create pattern 	Th-10 Pr -30		

<p>Draw thumb base</p>	<p>To perform Here the trainee learn about how to prepare thumb base according to sample/ specs</p> <p>Fundamental rule to create thumb</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 thumb base 2. Draw block of thumb pattern according to product specification 3. Pattern terminology use to make thumb base <p>(Identifying different kinds of thumbs)</p> <ol style="list-style-type: none"> 4. Perform calculation for preparing thumb 5. Perform thumb hole line according to style 6. Prepare thumb sketch in different procedures <p>Ability to:</p> <ol style="list-style-type: none"> 1. Developing thumb base according to specs 2. Prepare thumb according to front 3. Develop thumb as per style 	<p>Th-8 Pr -22</p>		
<p>Draw forechette</p>	<p>To perform This sub unit get the skill and knowledge of preparing forechette according to style and specs</p> <p>Fundamental rule to create forechette</p> <p>Identify required tools and</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Interpret specs for forechettebase 2. Draw block of forechettepattern according to product specification 3. Pattern terminology use to make forechettebase 4. Identifying different kinds of forechette 5. Perform calculation for preparing forechette <p>Ability to:</p> <ol style="list-style-type: none"> 1. Prepare forechette block as per specs 2. Maintaining shapes after 	<p>Th-5 Pr -15</p>		

	instruments for giving shapes to forechette	completing the measurements 3. Developing forechette in different styles			
Make design in pattern	<p>To perform This unit get the skill and knowledge of</p> <p>Pattern creation according to particular gloves design</p> <p>Create pattern/sketch as per given different styles of gloves</p> <p>Keep knowledge of gloves design and classification</p> <p>Knowledge of small medium and large standard size chart can be used as per gloves design and quality.</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/leather and existing fashion 5. Create an exciting shape <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/leather 4. Plan and organize to create pattern particular gloves design and classifications 5. Make design easier to stitch 	Th-5 Pr -20		
Perform cutting of sketch	<p>To perform Here the trainee learn about how to cut box board sheet</p> <p>Importance of cutting</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 	Th-8 Pr -27		

	<p>patterns</p> <p>Kinds of cutting procedure</p>	<p>5. Accuracy including of cutting pattern</p> <p>Ability to:</p> <ol style="list-style-type: none"> 1. Cutting each pattern pieces on marked design 2. Smoothly cut design on shapes 3. Cut pattern with scissor 4. Cut pattern design with knife 5. Cut various /all pieces has been done with notice to detail 			
Draw lining	<p>To perform</p> <p>Here the trainee learn about how to prepare lining sketch according to style</p> <p>Knowledge about usage of lining in gloves</p> <p>Fundamental rule for developing lining</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of usage of lining in gloves 2. Type and style of gloves in which the lining will be used 3. Separate lining pattern from the 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 	Th-5 Pr -25		
Give seam allowance	<p>To perform</p> <p>This unit get the knowledge and skill of giving seam allowances</p> <p>Variation of seam allowance on the different parts of</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 4. Knowledge of European measurements standers EN:420-2003 <p>Ability to:</p> <ol style="list-style-type: none"> 1. Maintaining shapes after 	Th-3 Pr -12		

	panels	<p>giving seam allowance</p> <ol style="list-style-type: none"> 2. Perform different seam margin on the different panels of pattern 3. Apply seam allowance according to stitch type 			
Perform grading	<p>To perform This unit covers the skills and knowledge of pattern grading for different styles and sizes of Glove by Master Pattern.</p> <p>To get complete skill and knowledge of grading and all the aspects.</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 pattern before perform grading 5. Knowledge about size ups and down 6. Knowledge of pattern grading for different styles and sizes of Gloves by master plan after getting complete size chart. 7. Make grading for different variation of gloves 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. Pick Grading related issues mentions on order sheet 3. Maintaining pattern shapes before perform grading 4. Perform grading with stander procedure 5. Perform grading with given specs 6. Make grading for different size and styles by master pattern 	Th-16 Pr -64		

		<ul style="list-style-type: none"> 7. Plan and organize to make grading all pattern pieces 8. Perform calculation for grading 9. Checking measurements of each size after perform grading of all sizes 			
Mention identification number	<p>To perform This unit covers the skills and knowledge about Mention identification of each part of pattern</p> <p>Importance of numbering</p>	<p>Knowledge of:</p> <ul style="list-style-type: none"> 1. Name, size and numbering of each part of pattern 2. Quantity of pattern panels cut on fabric/leather <p>Ability to:</p> <ul style="list-style-type: none"> 1. Maintaining patterns with numbering and identification 2. Write pattern article name & size on each part of pattern 3. Write size and mention other detail on pattern 	Th-1 Pr -4		

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:125hours Theory:25hours Practice:100hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
Draws sketch on raw material	To perform this unit get the skill and knowledge of draw pattern on fabric/leather according to cut plan and tracing on fabric/leather with the help of the master plan	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Draw patterns on fabric/leather according to cutting plan 2. Knowledge about fabric/leather width 3. Knowledge about direction of stretch ability of fabric/leather 4. Maximum utilization of fabric/leather with excellence and carefully tracing according to pattern layout 5. Align the fabric/leather and cutting plan <p>Ability to:</p> <ol style="list-style-type: none"> 1. Place the pattern on right part of leather/fabric 2. Tracing carefully with maximum utilization of fabric/leather 3. Read, interpret and follow information on work specifications, standard operating procedures and work instructions and other reference material 4. Draw pattern on fabric/leather according to cutting plan. 5. Laying the pattern on the fabric/leather 6. Make sure best utilization of the fabric/leather during cutting procedure. 	Th-5 Pr -25	Leather Synthetic Leather PU PVC Knitted Fabric Woven Fabric Kevlar Nomex Membrane Accessories	Class room
Cut	To perform	Knowledge of:	Th-5		

<p>component of front, back, thumb, forechette and other parts of pattern for sample development</p>	<p>This unit get the skill and knowledge of about completing accessories for developing sample</p>	<ol style="list-style-type: none"> 1. Cut pattern components according to pattern information 2. Cut front portion with best part of fabric/leather 3. Separate the cut pieces 4. After the separation of cut pieces to make bundles according information and mark label and size. 5. Minimize wastage of fabric/leather during cutting and utilize the best techniques <p>Ability to:</p> <ol style="list-style-type: none"> 1. Follow the cutting plan according to specifications 2. Cut the fabric/leather in different size and shapes as per given pattern using by knife cutter 3. Follow the safety precautions while using cutting tools especially Scissors 4. Arrange/make bundle carefully and mark sizing on each bundles 5. Make sure that all pieces are correctly bundled and sized 	<p>Pr -25</p>		
<p>Coordinate with stitcher for preparation of sample</p>	<p>To perform This unit get the skill and knowledge of proper coordinate with stitches for developing sample according to the pattern</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Importance of coordination 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 according to pattern 2. Apply require seems on sample 3. Fallow the pattern problems while 	<p>Th-5 Pr -25</p>		

		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	Knowledge of: 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 model name/style numbers	Th-8 Pr -27		
		Ability to: 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 with tags			

Module :04**Title: Upgrade Pattern Making Skills**

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

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

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
Learn from seniors	<p>To perform This unit get the skill and knowledge about the importance of pattern making from seniors</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge about upgrading skills by consulting with senior pattern masters 2. Apply knowledge and understanding through identifying, European, American and other standers system 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. Perform by upgrading his skills in the field of pattern making 2. Analyze and select the proper material. 3. Evaluate the quality, design and construction of a Gloves pattern 	Th-3 Pr -12	Relevant Book Computer /Internet	Class room
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</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 gloves industry 3. Task on time according to define methodology 4. Importance of further training on pattern making 5. Understand the importance of the skill test for future growth/career 6. Knowledge of advantages of getting technical and 	Th-3 Pr -12		

	training	<p>professional trainings</p> <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 			
Read Books	<p>To perform</p> <p>This unit aims to get knowledge about how important to read relevant books for upgrading personal skill</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Reading books of relevant field 2. How to take advantage by using pattern books 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 by reading books 	Th-3 Pr -12		
Learn from Internet	<p>To perform</p> <p>This unit aims to get knowledge about getting latest techniques through internet</p>	<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 browsing 4. Gathering material through internet <p>Ability to:</p> <ol style="list-style-type: none"> 1. Use internet to sort out problems related to pattern making 2. Get the latest techniques through internet browsing 	Th-3 Pr -12		

Module :05

Title: **Communicate with co-workers effectively**

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

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

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
Communicate with co-workers effectively	<p>To perform This unit gets trainee to be able to maintain team work for effective relationship with juniors/ colleagues</p> <p>Positive attitude for strong teamwork</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Communication channels and its importance for conducive behavior with assistance 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. Work in a team 2. Display positive attitude towards colleagues for promoting team spirit 3. Learn and able to understand that how to communicate with juniors to motivate for specific task. 	Th-2 Pr -8		Class room
Communicate with supervisor	<p>To perform 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. Communication channels and its importance for conducive behavior with supervisor 2. Communicate production status well in time 3. Explain and demonstrate effective communication skills and interaction with colleagues <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate sampling instruction before starting production 	Th-3 Pr -12		
Communicate with stitcher	<p>To perform At the end of this</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Communication channels 	Th-3 Pr -12		

	unit a trainee will be able interact with stitcher	<p>and its importance for conducive behavior</p> <ol style="list-style-type: none"> 2. Communicate production status well in time Explain and demonstrate effective communication skills and interaction with colleagues <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate sampling instruction before starting production 			
Communicate with gloves cutter	<p>To perform Here the trainee learn the Knowledge and importance of communication with fabric/leathercutting dept.</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Communication channels and its importance for conducive behavior 2. Communicate production status well in time Explain and demonstrate effective communication skills and interaction with colleagues <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate sampling instruction before starting production 	Th-2 Pr -8		
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. Communication channels and its importance for conducive behavior 2. Communicate production status well in time Explain and demonstrate effective communication skills and interaction with colleagues <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate sampling instruction before starting production 	Th-2 Pr -8		
Communicate with	<p>To perform This unit gets</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Communication channels 	Th-3 Pr -12		

merchandiser	<p>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>and its importance for conducive behavior</p> <ol style="list-style-type: none"> 2. Communicate production status well in time <p>Explain and demonstrate effective communication skills and interaction with colleagues</p> <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate sampling instruction before starting production 			
Communicate with clients	<p>To perform</p> <p>This unit gets trainee to be able to communicate effectively within the rules of manner with customers.</p>	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Communication channels and its importance for conducive behavior 2. Communicate production status well in time <p>Explain and demonstrate effective communication skills and interaction with colleagues</p> <p>Ability to:</p> <ol style="list-style-type: none"> 1. Communicate sampling instruction before starting production 	<p>Th-2 Pr -8</p>		

Module :06Title:**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:70hours Theory:20hours Practice:50 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
Apply personal safety	To perform Apply personal safety precautions. While working on work place	Knowledge of: <ol style="list-style-type: none"> 1. Basic legal requirements for health and safety at work 2. Situational Awareness of hazards 3. Personal Protective Equipment (i.e. Mask, Gloves & Shoes) 4. identifying and adopting practical ways of protecting their personal safety while at work 5. Improving physical environment Ability to: <ol style="list-style-type: none"> 1. Assessing personal safety risks - how likely is something to happen 2. Be able to identify situations where their personal safety may be at risk 3. Most effective methods of reducing personal safety risks 	Th-4 Pr -16	Safety Precautions	Class room
Apply workplace safety	To perform Follow the safety precautions at work place while using different types of tools. Recognize and explain workplace health safety and security	Knowledge of: <ol style="list-style-type: none"> 1. Workplace Expectations 2. Employer Responsibilities 3. Incident Reporting 4. Housekeeping 5. Manual Handling 6. Emergency Procedures Ability to: <ol style="list-style-type: none"> 1. Understand and apply the principles of occupational health and safety equipments practices in a 	Th-4 Pr -16		

	requirements	<p>company</p> <ol style="list-style-type: none"> 2. Recognize emergency situations and understand correct response procedures (e.g., fire alarm, apply basic first aid, fire extinguish, emergency exits & emergency telephone numbers) 3. Ability to clean and organize the work environment to avoid any hazardous incident 4. Regularly clean materials, tools and equipment after use 			
Apply safety for others	To perform Trainee will be able to apply safety precautions for others	<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 	Th-2 Pr -8		
Apply safety for tools and equipment's	To perform Trainee will be able to apply safety precautions for tools and equipment	<p>Knowledge of:</p> <ol style="list-style-type: none"> 1. Knowledge of the importance of the safety devices and their usage while working on a table 2. Knowledge about safety precautions for tools and equipment <p>Ability to:</p> <ol style="list-style-type: none"> 1. Safe use and care of tools and Equipment 2. Response to emergency situations 3. Identify and know how to respond appropriately to emergencies, including (Cuts, Needle injuries, Burns, Electrical shocks, hazards & Fires) 	Th-4 Pr -16		

Assessment Template

Module 1 (Takes measurements)

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

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

Learning Units	Theory Days/Hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Introduction of pattern			<p>The examiner can ask a trainee to describe the importance of pattern in gloves 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> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while taking measurement into the sample</p> <p>Identify require tools and equipment</p>	Oral Practical Direct Observation Short Answer Questions	At the end of module
Take specification			<p>The examiner can ask a trainee to demonstrate the skill of how to prepare pattern block according to the specs</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing pattern according to the customer</p>	Oral Practical Direct Observation Short Answer Questions	At the end of module

			specifications		
Record measurements			<p>The examiner can ask a trainee to demonstrate the skill of how to maintain record of measurements</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while keeping record of specs</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Perform calculation			<p>The examiner can ask a trainee to demonstrate the skill of how to perform calculation for pattern block</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while perform calculation</p> <p>Identify require tools and equipment</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Prepare technical files			<p>The examiner can ask a trainee to demonstrate the skill of how to prepare technical files for product developments</p> <p>Identify require tools and equipment</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

Assessment Template

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 gloves design with all aspects.**

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

Learning Units	Theory Days/Hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Draw 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</p>	<p>Oral Practical Direct Observation Short Answer</p>	At the end of module

			<p>and object in which certain problem occurs while preparing front part</p> <p>Identify require tools and equipment safety precautions for work</p>	Questions	
Draw 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>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Draw Thumb			<p>The examiner can ask a trainee To demonstrate the skill of preparing thumb block according to specs</p> <p>Explain different kinds of thumb used in the Gloves</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing thumbs</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
Draw Forechette			<p>The examiner can ask a trainee To demonstrate the skill of preparing forechette block according to specs</p> <p>Explain different kinds of forechette used in the Gloves</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while preparing forechette</p> <p>Identify require tools and equipmentsafety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

<p>Make Design in Pattern</p>			<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 Gloves</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 equipmentsafety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	<p>At the end of module</p>
<p>Perform Cutting of Sketch</p>			<p>The examiner can ask a trainee To demonstrate the skill of cutting base sketch with scissor and Leather knife cutter</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>	<p>At the end of module</p>
<p>Draws Lining</p>			<p>The examiner can ask a trainee To demonstrate the skill of preparing lining</p> <p>Explain the usage of lining in Gloves</p> <p>Can ask trainee to Identify a situation and object in which certain problem occurs while developing lining pattern</p> <p>Identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	<p>At the end of module</p>

<p>Give Seam Allowance</p>			<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 gloves 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>	<p>At the end of module</p>
<p>Perform Grading</p>			<p>The examiner can ask a trainee To demonstrate the skill of grading</p> <p>Explain the grading difference between European, American & other Standers system</p> <p>Demonstrate Identifying 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>	<p>At the end of module</p>
<p>Mention Identification number</p>			<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 mentioning article number and size on pattern</p> <p>Identify require tools and equipment safety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	<p>At the end of module</p>

Module :03Title: **Prepare components for sample**Objective of the Module: **This module covers the skill and knowledge about preparation of components for sample**Duration:125hours Theory:25hours Practice:100hours

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 and leather.</p> <p>Explain different kinds material used in Gloves</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, thumb 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 stitching gloves 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 equipmentsafety precautions for work</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	<p>At the end of module</p>

Module :04**Title: Upgrade Pattern Making Skills**

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

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

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Learn from Seniors	10	50	The examiner can ask a trainee Describe the importance of upgrading skills Explain how important of seniors members	Oral Practical Direct Observation Short Answer Questions	At the end of module
Attend Trainings			The examiner can ask a trainee Describe the importance of training Explain how to get proper training	Oral Short Answer Questions	At the end of module
Read Books			The examiner can ask a trainee Describe the importance of books Explain how to get advantage in reading relevant books	Oral Practical Direct Observation Short Answer Questions	At the end of module
Learn from Internet			The examiner can ask a trainee Describe the importance of internet in upgrading skills Explain how to get advantage of internet and other browser	Oral Practical Direct Observation Short Answer Questions	At the end of module

Module :05

Title: **Communicate with co-workers effectively**

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

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

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Communicate with co-workers effectively	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 Stitches			<p>The examiner can ask a trainee To Illustrate the importance of communication with stitches</p> <p>Explain the advantage of team work</p> <p>Identify the areas and points where pattern maker need to communicate with stitcher</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Communicate with Gloves Cutter			<p>The examiner can ask a trainee To Illustrate the importance of communication with gloves cutter</p> <p>Identify the areas and points where pattern maker need to communicate with gloves cutter</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module

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

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:70hours Theory:20hours Practice:50 hours

Learning Units	Theory Days/ hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
Apply personal safety	20	50	<p>The examiner can ask a trainee Describe the importance of apply personal safety while working</p> <p>Identify tools and equipment and for personal safety precautions</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Apply workplace safety			<p>The examiner can ask a trainee Describe the importance of apply workplace safety while working</p> <p>Identify tools and equipment and for workplace safety precautions</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Apply safety for others			<p>The examiner can ask a trainee Describe the importance of apply safety for others while working</p> <p>Identify tools and equipment and for safety precautions for others</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	At the end of module
Apply safety for tools and equipment's			<p>The examiner can ask a trainee Describe the importance of apply safety for tools and equipment</p> <p>Identify tools and equipment and for safety precautions for tools and equipment</p>	<p>Oral Practical Direct Observation Short Answer Questions</p>	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 Gloves Pattern Maker
Duration	6 months
Students Strength	25

Sr. No.	Name of Item/ Equipment / Tools	Qty.
1.	Measuring Tape	01
2.	Ruler 1 Inch	01
3.	Geometry Box	01
4.	Square Set	01
5.	Curve Set	01
6.	Teacher Table	01
7.	Teacher Chair	01
8.	Over Head Projector	01
9.	White Board	01
10.	Set scale	01
11.	Scissor	01
12.	Tracing Wheel	01
13.	Leather Knife Cutter	01
14.	Hole Puncher	01
15.	Stapler	01

3. List of Consumable Supplies

Name of Trade	Leather Gloves Pattern Maker
Duration	6 months

Sr. No.	Name of Consumable Supplies
1.	Box Board Sheets
2.	Paper Rim (A4)
3.	Paper Tape 1" / Scotch Tape
4.	Led Pencil
5.	Tracing Marker
6.	Black Pointer
7.	Board Marker
8.	Leather
9.	Fabric
10.	Lining Fabric