

**CURRICULUM**  
**FOR**  
**Pattern Drafting & Cutting**  
**(Hosiery)**  
**6-Months**  
**Code:VF53S007**

## **SCHEME OF STUDIES**

### **Pattern Drafting & Cutting**

<b>Sr #</b>	<b>Modules</b>	<b>Theory Hours</b>	<b>Practical Hours</b>	<b>Total Hours</b>
1	Take Measurement	8	32	40
2	Draw Sketch	40	160	200
3	Grading	30	120	150
4	Arrange Fabric for Layer Cutting	30	120	150
5	Perform Fabric Cutting	30	120	150
6	Communicate with others	30	-	30
7	Adopt Safety Precautions	8	32	40
8	Development Professionalism	8	32	40
<b>TOTAL HOURS</b>		<b>184</b>	<b>616</b>	<b>800</b>

# Curriculum for Pattern, Drafting & cutting

**Name of course** : **Pattern Drafting & Cutting**

## **Overall objective of course**

Main objective of this course is to prepare skilled workforce "Pattern Drafting & Cutting" for the garment sector of Pakistan so that they can enter in Apparel Field with the level of competencies, well equipped with the job knowledge techniques and precision in performance.

To achieve main goal of this course, trainee should meet following objectives:-

- Provision of basic Pattern Drafting skill
- Knowledge of basic information about pattern making essential/latest tools and equipments.
- Provide knowledge of enhancement methods.
- Education should provide to ensure the best negotiated prices and market trends.
- Production of multi-skilled patterns cutting and sewing handling operation.
- Knowledge of sewing machines, over-lock, zig-zag or plain lock stitch sewing machine.
- Knowledge and skill, to position drape the fabric on a dress developed for the structure of garment design.
- Knowledge of fabric composition, work specification, sequence of operations, safety precautions for cutting fabric and other reference materials.
- Knowledge required to select and embellish material in line with design.
- Knowledge of different stitches, patterns and designs, able to techniques to handle any damage to fabric.
- Knowledge to finish products/garments or other associated articles.

## **Competencies gained after completion of course**

On successful completion of this course trainee would be able to know:-

- Identify required tools and measuring instruments.
- Take measurements and specs of different body parts with measuring tools and instruments.
- Essential tools and instruments arrange in appropriate order and place.
- Follow pattern instructions for the pattern creation.
- Application of all the key pattern making and information chart.
- Trainees get the knowledge of principles of designing.
- Gain the knowledge of various types of garments.
- Used equipments for dress designing.
- Get the knowledge and skill sizing of garments and quality requirements.
- Follow up garment cutting plan
- Handle the different types of industrial sewing machine
- Follow up the knowledge and skill quality control, packing and appropriate display of garment products.
- Adopt safety precautions during pattern making, cutting procedure and stitching of garments.

## **Job opportunities available immediately and in the future**

After completion of this course the candidates can do the following areas/field

1. Can work at home for domestic purpose as well as cottage industry.
2. May join any garment industry/entrepreneurship.
3. Can establish their own boutiques and industrial home
4. Can teach in vocational institutes.

<b>Trainee entry level</b>	:	Matric
<b>Minimum qualification of trainer</b>	:	DDM + 6 month Industrial training
<b>Medium of Instruction i.e. language of instruction</b>	:	Urdu

**Sequence of the modules**

1. Module 1 – Take Measurements
2. Module 2 – Draw sketch
3. Module 3 – Grading
4. Module 4 – Arrange Fabric layer for cutting
5. Module 5 – Perform Fabric Cutting
6. Module 6 – Communicate with others
7. Module 7 – Adopt safety precautions
8. Module 8 – Development Professionalism

**Time frame of assessment** (recommendation) : 6 months

## 1. Overview about the program – Curriculum for Pattern, Drafting & Cutting

Module Title and Aim	Learning Units	Theory <sup>1</sup> Days/hours	Workplace <sup>2</sup> Days/hours	Timeframe of modules
<b>Module 1</b>  <b>Take Measurements</b>  (To take accurate direct measurement)	1. Introduction of Pattern, Drafting and Cutting 2. By the use of measurement tape take measurement of different body parts 3. Focus on that measurements which is essential for pattern making 4. Make a comprehensive size chart according to that measurements 5. Use that size chart for finally pattern making purpose	1day/ 8 hours	5 days/ 32 hours	One week
<b>Module 2</b>  <b>Draw sketch</b>  (To prepare the draft sketch according to specification)	1. Create a Sketch 2. Create particular apparel design. 3. Get dimensions 4. Arrange tools for pattern making 5. Draw a pattern according to product & specification 6. Add seam allowance	One week/ 40 hours	4 weeks/ 160 hours	Five weeks
<b>Module 3</b>  <b>Grading</b> (To get complete skill and knowledge of grading and all the aspects)	1. After getting complete size chart 2. Make grading	One week/ 30 hours	3 weeks/ 120 hours	Four weeks
<b>Module 4</b>  <b>Arrange fabric layer for cutting.</b>  (To get the skill and knowledge of the fabric for different styles of garments)	1. Unroll the fabric to relax before cutting up to 24 hours 2. Make layers for cutting 3. Align the layer.	One week/ 30 hours	3 weeks/ 120 hours	Four weeks
<b>Module 5</b>  <b>Perform Fabric Cutting</b>  (To get skill and knowledge to cut the fabric properly for different styles of garments)	1. Trace master pattern on fabric according to cut plan 2. Try to utilize maximum fabric by best tracing 3. Cut the fabric according to that tracing 4. During cutting cut notches properly 5. After cutting check the cut parts randomly regarding pitch of cutting 6. Mark numbering on each cut parts & makes bundles. 7. Utilize the best fabric	One week/ 30 hours	3 weeks/ 120 hours	Four weeks
<b>Module 6</b>	1. Communicate with co-workers	One week/		One week

<sup>1</sup> Learning hours in training provider premises

<sup>2</sup> Training workshop, laboratory and on-the-job workplace

<p><b>Communicate with others</b></p> <p>(To get skill and knowledge to communicate with (co-workers, customers and juniors) efficiently at work place)</p>	<ol style="list-style-type: none"> <li>2. Communicate with customers</li> <li>3. Communicate with juniors</li> </ol>	30 hours		
<p>Module 7</p> <p><b>Adopt safety Precautions</b></p> <p>(To get knowledge and skill pertaining to adopt safety precautions for personal safety, workplace and equipment for using pattern and cutting procedures)</p>	<ol style="list-style-type: none"> <li>1. Apply personal safety by using the safety gloves</li> <li>2. Apply workplace safety</li> <li>3. Apply safety for tools &amp; equipment</li> <li>4. Adjust table height.</li> </ol>	1day/ 8 hours	5 days/ 32 hours	One week
<p>Module 8</p> <p><b>Develop Professionalism</b></p> <p>(To get skill, knowledge and effective communication with team members, management, experts and customers)</p>	<ol style="list-style-type: none"> <li>1. Participate in Training</li> <li>2. Interact with colleagues</li> <li>3. Consult with experts</li> <li>4. Participate in skill test/ competition</li> </ol>	1day/ 8 hours	5 days/ 32 hours	One week

## Curriculum Contents

### Module 1: Take Measurements

**Objective of the Module :** The module covers the skills and knowledge to create pattern/accurate measurements for different styles of garments

**Duration:** 40 hours      **Theory:** 8 hours      **Practice:** 32 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Introduction of Pattern Drafting and Cutting	<ul style="list-style-type: none"> <li>Knowhow and introduce pattern drafting and cutting.</li> <li>To measuring efficiently with proper use of tools and instruments.</li> </ul>	<p>Introduce the pattern making, drafting/layouts and cutting.</p> <p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Introduction of pattern, drafting and cutting.</li> <li>Role of pattern drafting in the garment industry.</li> <li>Importance of accurate measurements</li> <li>Introduction of the garment manufacturing environment culture discipline.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Understand pattern drafting and cutting.</li> <li>Take and understand measurement on the scale and measuring tape in inches and centimeters.</li> </ul>	8 hour	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> </ul>	Class Room
2. By the use of measurement tape take measurement of different body parts	<p>At the end of sub-unit a trainee will be able to:-</p> <ul style="list-style-type: none"> <li>To demonstrate competence knowledge and skill of direct body measurement</li> <li>Able to ensuring accurate measurement of different body parts.</li> <li>Check accuracy including ease allowance.</li> </ul>	<p>To demonstrate competence knowledge and skill identify specs and required direct body measurement.</p> <p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Identify specs direct body measurement</li> <li>Understand minimize errors in sizing.</li> <li>Use of terminology common to industry.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Follow the proper method of direct body measurement.</li> <li>Use of required body measurement with measuring tape and essential tools (Bodice Block).</li> <li>Communicate effectively in work room</li> <li>Follow of terminology of measuring</li> </ul>	8 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> </ul>	Class Room

<p>3. Focus on that measurements which is essential for pattern making</p>	<p>The sub unit deals with person responsible to draft and measurement for the industry in small to medium size enterprise.</p>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Pattern drafting tools and instruments</li> <li>• Importance of accurate measurements</li> <li>• Use of key pattern making</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Focus accurate measurements which is essential for pattern making.</li> <li>• Use of required measurement and pattern instruction and information.</li> </ul>	<p>8 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	<p>Class Room</p>
<p>4. Make a comprehensive size chart according to that measurements</p>	<p>At the end of this sub unit a trainee will be able to get the skill and knowledge of:-</p> <ul style="list-style-type: none"> <li>• Make chart according to the accurate specs.</li> <li>• Work has been done systematically with attention.</li> <li>• Identify pattern components and measuring tools</li> <li>• Pattern is made in with proper shapes</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Make a size chart according to measurements</li> <li>• Given information for size, chart, chest, waist, arm hole, length, width etc. and general trends.</li> <li>• Size variations for pattern making (Ladies Shirt, Gents Shirt, Pant etc).</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Make a comprehensive size chart according to specs.</li> <li>• Use of different marks and information.</li> <li>• Make small, medium and large size chart (Ladies Shirt, Gents Shirt, Pant etc).</li> </ul>	<p>8 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	<p>Class Room</p>
<p>5. Use that size chart for finally pattern making purpose</p>	<p>At the end of this sub unit able to get the skill and knowledge</p> <ul style="list-style-type: none"> <li>• Trainee can use size chart for final pattern making purpose.</li> <li>• Cut the pattern according to marked point.</li> <li>• Check pattern pieces for accuracy including other information.</li> <li>• The unit deals with</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Apply step by step according to size chart.</li> <li>• Draw a pattern/draft block according to the specs.</li> <li>• Given different information and balance marks.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Draw a basic sketch and cutting pattern.</li> <li>• Take measurement and use pattern making and drawing tools.</li> <li>• Plan and organize to create</li> </ul>	<p>8 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> </ul>	<p>Class Room</p>



	person responsible to draft and cut pattern for the fashion industry in small to medium size enterprise.	final pattern. • Apply basic calculations to work with specifications.		-Thumb Pin -Scissors -Paper Cutter -Tracing Sheet -Tracing Wheel	
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## Module 2: Draw Sketch

**Objective of the Module:** This module covers the skill and knowledge to arrange tools and equipment for preparing and cutting patterns of specifications and create particular apparel design with all aspects.

**Duration:** 200 hours    **Theory:** 40 hours    **Practice:** 160 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Create a Sketch	<ul style="list-style-type: none"> <li>Identify required tools and instruments</li> <li>Clean and prepare the work station.</li> <li>Arrange tools and instruments in appropriate order and place.</li> <li>Card board/ pattern sheet for pattern making has been set on the table.</li> <li>Prepare the draft sketch according to specification.</li> <li>Work has been done systematically with attention to detail</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Clean and prepare work station plate.</li> <li>Safety and health procedure of the organization (proper light, ventilation etc.)</li> <li>Relevant work specifications</li> <li>Existing patterns as per reference material</li> <li>Sequence of operation.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Draw a basic sketch</li> <li>Check measurement and then start sketch on the pattern sheet.</li> <li>Plan and organize to create patterns</li> <li>Apply basic calculations to work with draft/pattern specifications.</li> <li>Follow the method of draft/pattern creation with attention.</li> </ul>	30 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	Class Room/ Workshop

<p>2. Create particular apparel design.</p>	<p>At the end of this sub unit get the skill and knowledge of:-</p> <ul style="list-style-type: none"> <li>• Pattern creation according to particular apparel design</li> <li>• Create pattern/sketch as per given different styles of garments</li> <li>• Keep knowledge of apparel design and classification</li> <li>• Knowledge of small medium and large standard size chart can be used as per apparel design and quality.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Create sketch according to existing particular apparel design.</li> <li>• Create pattern/sketch according to thickness of fabric and type of fabrics.</li> <li>• Use of standard, small, medium and large sizes for pattern as per fabric.</li> <li>• Follow the design creation according to fabric classification and existing fashion.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Draw sketch according to fashion and style.</li> <li>• Plan and organize to create particular apparel design and classifications.</li> <li>• Follow the relevant work specifications.</li> <li>• Take measurements and use of pattern making and drawing tools.</li> <li>• Follow the small, medium and large standard sizes/specs as per apparel design and quality.</li> </ul>	<p>30 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	<p>Class Room/ Workshop</p>
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<p>3. Get dimensions</p>	<p>At the end of this sub unit get the skill and knowledge of:-</p> <ul style="list-style-type: none"> <li>To give proper dimensions as per specs on the sketch/pattern.</li> <li>Specify all the parts, shapes and spaces, length, width and curves on the pattern.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Proceed systematically as per given dimensions/shapes.</li> <li>The specific out line shape and given waist shaping, dart and ease allowances.</li> <li>Give proper dimensions as per fashion and styles.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Plan and organize to create pattern according to existing fashion and styles.</li> <li>Draw the patterns in different sizes and shapes as per given dimensions.</li> <li>Apply the specification all the parts, shapes, spaces, length, width and curves on the pattern/sketch.</li> </ul>	<p>30 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	<p>Class Room/ Workshop</p>
<p>4. Arrange tools for pattern making</p>	<p>At the end of this sub unit get the skill and knowledge to:-</p> <ul style="list-style-type: none"> <li>Arrange the tools and instruments for pattern drafting/sketch</li> <li>Set pattern sheet/card board on the table in appropriate order and place.</li> <li>Properly use /handle of tools and measuring instruments in work station/labs.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Identify required tools and measuring instruments.</li> <li>Clean and prepare the work station/lab</li> <li>Safety and health procedure of the organization (light, ventilation etc.)</li> <li>Arrange tools and instruments</li> <li>Existing patterns and reference material</li> <li>Sequence of operations</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Properly prepare the workstation/Lab</li> <li>Arrange tools and instruments</li> <li>Layout and handle the tools in precautionary manner</li> </ul>	<p>30 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	<p>Class Room/ Workshop</p>
<p>5. Draw a pattern according to product &amp; specification</p>	<p>At the end of this sub unit get the skill and knowledge of:-</p> <ul style="list-style-type: none"> <li>To develop the sketch/pattern layout</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Draw create pattern according to product specification.</li> <li>Mark the pattern on the pattern sheet and tracing on the card board with tracing wheel.</li> </ul>	<p>50 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French</li> </ul>	<p>Class Room/ Workshop</p>

	<p>according to specifications</p> <ul style="list-style-type: none"> <li>• Pattern can be made in line with the design/sketch, ensuring accurate measurements.</li> <li>• Work has been done systematically with regard to detail</li> </ul>	<ul style="list-style-type: none"> <li>• Relevant work specifications</li> <li>• Existing patterns as reference material</li> <li>• Sequence of operation</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Draw a draft according to product.</li> <li>• Use specs and use pattern making tools.</li> <li>• Must apply calculations to work with patterns and specifications.</li> <li>• Plan and organize to create patterns.</li> </ul>		<p>Curve</p> <ul style="list-style-type: none"> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	
6. Add seam allowance	<p>At the end of this sub unit get the knowledge and skill of various pieces of pattern to cut and labeled accurately including grain line, seam allowance, ease allowance, seam match, hems, notches and sizes.</p>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Check pattern pieces for accuracy</li> <li>• After check accurately including allowances, grain lines, notches and ease allowance.</li> <li>• Cut the pattern according to marked points</li> <li>• Accurately including of functional opening.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• According to relevant specification of marked points.</li> <li>• Accurately including of seam allowances, ease allowances, grain lines, notches functional opening and drill marks.</li> <li>• Cut the pattern according to marked points smoothly</li> <li>• Cut various /all pieces has been done with notice to detail.</li> </ul>	30 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	Class Room/ Workshop

### Module 3: Grading

**Objective of the Module:** This module covers the skill and knowledge of grading for different styles and sizes by master pattern.

**Duration:** 150 hours    **Theory:** 30 hours    **Practice:** 120 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. After getting complete size chart	<p>This sub unit covers the skills and knowledge to pattern grading for different styles and sizes of garments by Master Pattern.</p> <ul style="list-style-type: none"> <li>• According to size mark points</li> <li>• Check pattern pieces for accuracy, including seam allowances, ease allowances, seam match and functional opening.</li> <li>• To get complete skill and knowledge of grading and all the aspects.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Knowledge of pattern grading for different styles and sizes of garments by master plan after getting complete size chart.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Make pattern grading for different sizes and styles of garment by master pattern.</li> <li>• Plan and organize to make grading all pattern pieces</li> <li>• Apply calculations to work for grading</li> </ul>	75 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>- Pattern Sheet</li> <li>- Drawing Board</li> <li>- Common Pin</li> <li>- Thumb Pin</li> <li>- Scissor</li> <li>- Paper Cutter</li> <li>- Tracing Sheet</li> <li>- Tracing Wheel</li> </ul>	Class Room/ Workshop
2. Make grading	<p>At the end of this sub unit get skill and knowledge for grading pattern of different styles and sizes of garments with accuracy</p>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Make grading for different variation of garments.</li> <li>• Follow the basic size and increasing and decreasing sizes on the different points</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Grading prepare for different sizes/styles variations by the master pattern.</li> <li>• Must be accurate measurement for pattern grading.</li> </ul>	75 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> </ul>	Class Room/ Workshop

#### Module 4: Arrange Fabric Layer for Cutting

**Objective of the Module:** This module covers the skill and knowledge to cut the fabric as per given all aspects for different styles of garments

**Duration:** 150 hours **Theory:** 30 hours **Practice:** 120 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Unroll the fabric to relax before cutting up to 24 hours	This sub unit covers the skill and knowledge to cut the fabric as per the given pattern for different styles of garments and loosen up fabric before cutting.	<p>To demonstrate competence of skills and knowledge in the following areas is required.</p> <p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Fabric composition and drape</li> <li>• Work specification and tools</li> <li>• Standard operating procedures</li> <li>• Sequence of operations</li> <li>• Safety precautions for cutting</li> <li>• Fabric loosen up procedure before cutting</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Shrinking procedure before cutting upto 24 hours.</li> <li>• Cut fabric in different sizes and shapes as per given pattern layout</li> <li>• Follow up the fabric numbers and calculations to refer to pattern and specifications</li> <li>• Follow safety precautions while using cutting tools/cutter especially with the electric knives.</li> <li>• Read, interpret and follow information on work specifications/standards.</li> </ul>	50 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> </ul>	Workshop
2. Make layers for cutting	This sub unit covers the skill and knowledge to make layer for cutting after loosen up fabric.	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Laying out plan according to pattern and quantity of garment pieces.</li> <li>• Check fabric before layout/layers and grain lines.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Follow the layout guide shown on the pattern instruction sheet.</li> <li>• Make sure that you have got all pattern pieces required for the garment.</li> <li>• Check the fabric positions and strips.</li> <li>• Minimize wastage in fabric layout.</li> </ul>	50 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> </ul>	Workshop

<p>3. Align the layer</p>	<p>At the end of this get the skill and knowledge of the fabric as per given pattern for different styles of garments.</p> <ul style="list-style-type: none"> <li>• Identify fabric layout and alignment.</li> <li>• Layout the pattern pieces on the fabric accurately including seam allowances and seam match, hems, functional opening.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Identify fabric layout/alignment.</li> <li>• Arrange and layout the fabric in folds.</li> <li>• Fabric composition and drape</li> <li>• Standard Operating Procedures</li> <li>• To adopt safety precautions</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Follow the pattern pieces layout.</li> <li>• Follow the quantity of fabric folds.</li> <li>• Follow the calculations with reference to pattern and specifications.</li> <li>• Avoid the damage and stain points identified.</li> </ul>	<p>50 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Pattern Sheet</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> </ul>	<p>Workshop</p>
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### Module 5: Perform Fabric Cutting

**Objective of the Module:** This module covers the skill and knowledge to cut the fabric as per given pattern for different styles of garments.

**Duration:** 150 hours **Theory:** 30 hours **Practice:** 120 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Trace master pattern on fabric according to cut plan	At the end of this sub unit get the skill and knowledge of fabric cutting according to cut plan and tracing on fabric with the help of the master plan.	<p>To demonstrate competence evidence of skills and knowledge in the following areas is required.</p> <p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Fabric work specification and tools</li> <li>Standard Operating Procedures</li> <li>Minimum wastage of fabric in tracing.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Follow the cutting plan according to specifications.</li> <li>Place the pattern/layout on the fabric.</li> <li>Tracing on the fabric according to master pattern carefully.</li> </ul>	20 hours	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	Workshop

<p>2. Try to utilize maximum fabric by best tracing</p>	<p>At the end of this sub unit trainee will be able to utilize maximum fabric by the best and carefully tracing.</p>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Maximum utilization of fabric with excellence and carefully tracing according to pattern layout..</li> <li>• Proper placing the layout pattern.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Place the pattern/layout on the fabric.</li> <li>• Tracing carefully with maximum utilization of fabric.</li> </ul>	<p>20 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	<p>Workshop</p>
<p>3. Cut the fabric according to that tracing</p>	<p>At the end of this sub unit trainee will be able to cut the fabric according to the tracing.</p>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Identify, select and use of appropriate tools and equipment for cutting.</li> <li>• Work organized to logical sequence.</li> <li>• Safety precautions for cutting fabric.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• .Cut the fabric in different size and shapes as per given pattern using by electric cutter.</li> <li>• Follow the safety precautions while using cutting tools especially the electric knives.</li> <li>• Read, interpret ad follow information on work specifications, standard operating procedures and work instructions and other reference material.</li> </ul>	<p>20 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	<p>Workshop</p>

<p>4. During cutting cut notches properly</p>	<ul style="list-style-type: none"> <li>At the end of this sub unit, trainee will be able to get skill and knowledge to cut notches for seam matches many places on the fabric according to the pattern during cutting properly with electric cutter.</li> <li>If single fabric cutting to use the scissor.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Hot notches make small notches during cutting</li> <li>Cut notches and proper placing according to pattern information.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Make hot notches and small notches during cutting with electric cutter.</li> <li>Cut notches proper placing according to pattern information chart.</li> <li>Use for cut notches scissor/fabric sheer if single fabric layer.</li> </ul>	<p>20 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	<p>Workshop</p>
<p>5. After cutting check the cut parts randomly regarding pitch of cutting</p>	<ul style="list-style-type: none"> <li>At the end of this sub unit, trainee will be able to skill and knowledge of cut parts check after cutting procedure regarding pitch of cutting according to pattern information.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Cut parts according to pattern information.</li> <li>Check before, after and during parts cutting with regard to the pitch of cutting</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Follow the pattern information pieces to cut.</li> <li>Check before cutting and after cutting.</li> <li>Cut parts of garment on the pitch of cutting.</li> </ul>	<p>25 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	<p>Workshop</p>

<p>6. Mark numbering on each cut parts &amp; make bundles.</p>	<ul style="list-style-type: none"> <li>• At the end of this sub unit, trainee will be able to skill and knowledge to separate the pieces and mark the numbering on each cutting of fabric pieces.</li> <li>• After the cutting of fabric pieces to make bundles and mark label and size.</li> <li>• Bundle to be sent for sewing section.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• To get the cutting material for numbering.</li> <li>• Separate the cut pieces and mark numbering.</li> <li>• After the separation of cut pieces to make bundles according information and mark label and size.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Separate the cut pieces carefully counting pieces</li> <li>• Arrange/make bundle carefully and mark numbering on each piece.</li> <li>• Mark the labels an size of all bundles</li> <li>• Make sure that all pieces are correctly bundled, labeled and sized. .</li> </ul>	<p>25 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	<p>Workshop</p>
<p>7. Utilize the best fabric</p>	<ul style="list-style-type: none"> <li>• At the end of this sub unit, trainee will be able to skill and knowledge to utilize the best fabric during layout and cutting procedure with minimize wastage off fabric.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Make the fabric best useful in the layout of pattern and pattern places on the fabric.</li> <li>• Align the fabric and cutting plan.</li> <li>• Minimize wastage of fabric during cutting and utilize the best techniques.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Align the fabric according to cutting plan.</li> <li>• Laying the pattern and place on the fabric</li> <li>• Make sure best utilization of the fabric during cutting procedure.</li> <li>• Follow the best techniques for utilization of fabric.</li> </ul>	<p>20 hours</p>	<ul style="list-style-type: none"> <li>- Measuring Tape</li> <li>- Japanese Ruler</li> <li>- Clutch Pencil</li> <li>- Eraser</li> <li>- French Curve</li> <li>-Master Pattern</li> <li>-Drawing Board</li> <li>-Common Pin</li> <li>-Thumb Pin</li> <li>-Scissor</li> <li>-Paper Cutter</li> <li>-Tracing Sheet</li> <li>-Tracing Wheel</li> <li>-Fabric Sheer</li> <li>-Tailoring Chalk</li> </ul>	<p>Workshop</p>

## Module 6: Communicate with others

**Objective of the Module :** This module covers the skill and knowledge to communicate with (co-workers, customers and juniors) efficiently at work place.

**Duration:** 30 hours **Theory:** 10 hours **Practice:** 20 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Communicate with co-workers	At the end of this sub unit a trainee will be able to communicate effectively within the rules of the workplace while interacting with colleagues/co-workers and management.	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Organization of rules regarding communication.</li> <li>• Effective communication skills including listening skills.</li> <li>• Workplace and profession related to vocabulary</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Make audible and clear announcements</li> <li>• Communicate in Urdu, English and local languages.</li> <li>• Interpret and follow work process implementation</li> <li>• Handle complaints politely and properly.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Class Room
2. Communicate with customers	At the end of this sub unit a trainee will be able to communicate effectively within the rules of manner with customers.	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• An organization rules regarding communication.</li> <li>• Effective communication skills including listening skills.</li> <li>• Workplace and profession related to vocabulary</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Communicate in Urdu, English and local languages.</li> <li>• Handle complaints politely and properly.</li> <li>• Handle conflicts and arguments peacefully.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Class Room
3. Communicate with juniors	<ul style="list-style-type: none"> <li>• At the end of this sub unit a trainee will be able to maintain team work for effective relationship with juniors/colleagues</li> <li>• Positive attitude for strong teamwork.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Positive attitude for team work.</li> <li>• Advantages of teamwork to achieve organizational goals.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Work in a team.</li> <li>• Display positive attitude towards colleagues for promoting team spirit.</li> <li>• Handle contingencies with team members</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Class Room

## Module 7: Adop Safety Pre-cautions

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

**Duration:** \_\_\_\_\_ 40 \_\_\_\_\_ hours    **Theory:** \_\_\_\_\_ 8 \_\_\_\_\_ hours    **Practice:** \_\_\_\_\_ 32 \_\_\_\_\_ hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Apply personal safety by using the safety gloves	At the end of this sub unit a trainee will be able to:- <ul style="list-style-type: none"> <li>Apply personal safety precautions while using cutting tools especially to use the electric cutter.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Personal safety precautions for using fabric cutting.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Apply personal safety by using safety gloves.</li> <li></li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop
2. Apply workplace safety	At the end of this sub unit a trainee will be able to:- <ul style="list-style-type: none"> <li>Follow the safety precautions at work place while using different types of cutting tools.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Follow safety precautions at workplace/Lab.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Apply the safety precautions on pitch of cutting/workplace/Lab .</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop
3. Apply safety for tools & equipment	At the end of this sub unit a trainee will be able to:- <ul style="list-style-type: none"> <li>Apply the safety for using tools and equipments.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Apply safety precautions for tools equipments.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Follow safety precaution using for different types of pattern and cutting tools and equipments.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop
4. Adjust table height	At the end of this sub unit a trainee will be able to:- <ul style="list-style-type: none"> <li>Proper adjustment of portable table height</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Understand adjustment of portable table height for fabric cutting layers and makes bundles.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Apply the method of adjustment of portable table height for fabric cutting layers and makes bundle for cutting pieces.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop

## Module 8: Develop Professionalism

**Objective of the Module:** This module cover the skill, knowledge and effective communication with team members and management, experts and customers.

**Duration:** 40 hours **Theory:** 8 hours **Practice:** 32 hours

Learning Unit	Learning Outcomes	Learning Elements	Duration	Materials Required	Learning Place
1. Participate in Training	At the end of this sub unit a trainee will be able to:- <ul style="list-style-type: none"> <li>Understanding and application of personal development in that profession/ training</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Importance of punctuality in workplace/class.</li> <li>Standard quality plan for garment industry.</li> <li>Task on time according to define methodology.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Complete work on prescribe time</li> <li>Prioritize the task.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop
2. Interact with colleagues	<ul style="list-style-type: none"> <li>This sub unit deals with the skill and knowledge require for effective communication with the colleagues.</li> </ul>	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>Organization rules regarding communication</li> <li>Effective communication skills</li> <li>Workplace and profession related vocabulary</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>Communicate in Urdu, English, and local languages.</li> <li>Work in a team</li> <li>Display positive attitudes towards colleagues for promoting team spirit.</li> <li>Support, coordinate and communicate with team members.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop

3. Consult with experts	This sub unit covers the skill, knowledge and effective communication with team members and management/experts.	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Workplace and profession related vocabulary</li> <li>• Interpret and follow work process implementation</li> <li>• Listen/receive information from clients/ experts/ management.</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Use related technical vocabulary.</li> <li>• Handle complaints politely and properly</li> <li>• Effective communication with experts in a professional manner.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop
4. Participate in skill test/competition	This sub unit deals with the skill and knowledge required for important skill test/competition	<p><b>Knowledge of:</b></p> <ul style="list-style-type: none"> <li>• Importance of development of professionalism</li> <li>• Efficiently skill test/competition</li> </ul> <p><b>Ability to:</b></p> <ul style="list-style-type: none"> <li>• Demonstration of skills efficiently.</li> <li>• Effective competition for personal development.</li> </ul>	10 hours	- Multimedia -Cassettes -CDs	Classroom/ Workshop



## Assessment

### Module 1 Take Measurements

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Introduction of Pattern, Drafting and Cutting	1 hour	Training workshop	Introduce the Pattern making Layout and cutting. Importance of Measurement.	Objective type test	
2. By the use of measurement tape take measurement of different body parts	2 hours	Training workshop	To demonstrate competence knowledge and skill identify specs and required direct body measurement	Objective type test	
3. Focus on that measurements which is essential for pattern making	1 hour	Training workshop	Pattern drafting tools and instruments. Importance of accurate measurement	Objective type test	
4. Make a comprehensive size chart according to that measurements	2 hours	Training workshop	Make a size chart according to specs given information for size chart, chest, waste, armhole length width etc	Objective type test	
5. Use that size chart for finally pattern making purpose	2 hours	Training workshop	Apply step by step according to size chart. Sequence of operation.	Objective type test	

### Module 2 Draw Sketch

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Create a Sketch	7 hours	Training workshop	Draw a basic sketch Start sketch on pattern sheet with specs.	Objective type test	
2. Create particular apparel design.	7 hours	Training workshop	Create according to thickness of fabric and type of fabric	Objective type test	
3. Get dimensions	7 hours	Training workshop	To give paper dimensions as per specs length and width	Objective type test	
4. Arrange tools for pattern	7 hours	Training workshop	Set pattern sheet/ card board on the table. Appropriate	Objective type test	

making			order and place		
5. Draw a pattern according to product & specification	6 hours	Training workshop	To develop the sketch pattern layout according to specifications. Work has been systematically with regards to detail	Objective type test	
6. Add seam allowance	6 hours	Training workshop	Including grain lines seam allowance , seams, beams, notches and sizes	Objective type test	

### Module 3 Grading

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. After getting complete size chart	15 hours	Training workshop	To get complete skill and knowledge of grading and all aspects	Objective type test	
2. Make grading	15 hours	Training workshop	To get skill knowledge for grading and make grading accuracy	Objective type test	

### Module 4 Arrange Fabric Layer for Cutting

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Unroll the fabric to relax before cutting up to 24 hours	10 hours	Training workshop	To cut the fabric as per given pattern for different styles of garments and loosen fabric before cutting	Objective type test	
2. Make layers for cutting	10 hours	Training workshop	To make layers for cutting after loosen fabric	Objective type test	
3. Align the layer	10 hours	Training workshop	Identify fabric layout and alignment	Objective type test	

## Module 5 Perform Fabric Cutting

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Trace master pattern on fabric according to cut plan	5 hours	Training workshop	Fabric cutting according to cut plan and tracing on fabric with help of the master plan	Objective type test	
2. Try to utilize maximum fabric by best tracing	4 hours	Training workshop	Will be able to utilize maximum fabric by the best tracing	Objective type test	
3. Cut the fabric according to that tracing	4 hours	Training workshop	To cut the fabric according to the tracing	Objective type test	
4. During cutting cut notches properly	4 hours	Training workshop	To cut noches for seam matches according pattern during cutting properly	Objective type test	
5. After cutting check the cut parts randomly regarding pitch of cutting	4 hours	Training workshop	Will be able cut paths check after cutting procedure	Objective type test	
6. Mark numbering on each cut parts & make bundles.	5 hours	Training workshop	To separate the pieces and make the numbers on each cutting fabric cutting pieces to make bundles	Objective type test	
7. Utilize the best fabric	4 hours	Training workshop	To cutting procedure with maximize wastage of fabric	Objective type test	

### Module 6 Communicate with others

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Communicate with co-workers	4 hours	On the job workplace	Will be able to communicate effectively within the rules of the workplace while interacting with the colleagues	Objective type test	
2. Communicate with customers	3 hours	On the job workplace	To communicate effectively within rules with customers	Objective type test	
3. Communicate with juniors	3 hours	On the job workplace	To maintain team work relationships with juniors /colleagues	Objective type test	

### Module 7 Adopt Safety Pre-cautions

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Apply personal safety by using the safety gloves	2 hours	On the job workplace	Apply personal safety precautions while using cutting tools especially to as electric cutter	Objective type test	
2. Apply workplace safety	2 hours	On the job workplace	Follow the safety precautions at work place	Objective type test	
3. Apply safety for tools & equipment	2 hours	On the job workplace	Follow the safety precautions using for different tools and equipment	Objective type test	
4. Adjust table height	2 hours	On the job workplace	Proper adjustment portable table height	Objective type test	

### Module 8 Develop Professionalism

Learning Units	Theory Days/hours	Workplace Days/hours	Recommended formative assessment	Recommended Methodology	Scheduled Dates
1. Participate in Training	2 hours	On the job workplace	Application of personal training	Objective type test	
2. Interact with colleagues	2 hours	On the job workplace	Effective communication with colleagues	Objective type test	
3. Consult with experts	2 hours	On the job workplace	Effectively communicate with members and experts	Objective type test	
4. Participate in skill test/ competition	2 hours	On the job workplace	Participate test competition	Objective type test	

### Supportive notes

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

## 2. List of Tools, Machinery & Equipment

<b>Name of Trade</b>	<b>Pattern Drafting and Cutting</b>
<b>Duration</b>	<b>6 Months</b>

<b>Sr. No.</b>	<b>Name of Item/ Equipment / Tools</b>	<b>Qty.</b>
1.	Measuring Tape	1 /student
2.	Japanese Ruler	1 /Student
3.	French Curve	1 /student
4.	Electric Iron	1 / Group
5.	Iron Stand/Table	1 / Group
6.	Teacher Table	1
7.	Teacher Chair	1
8.	Over Head Projector	One
9.	White Board	One
10.	Fabric Sheer	1/Student
11.	Paper Sheer	1/Student
12.	Automatic Cutter	1/Group
13.	Clamps (for grip fabric)	12/Group
14.	Tracing Wheel	1/Student
15.	Circle Template	1/Student
16.	Hand Punch	1/Student
17.	Stapler & Remover	1/Group
18.	AWL	1/Group
19.	Tailor Square	1/Student
20.	Shape Patti	1/Group
21.	Paper Cutter	1/Student
22.	Steel Ruler (Big size)	1/Group

### 3. List of Consumable Supplies

<b>Name of Trade</b>	<b>Pattern Drafting and Cutting</b>
<b>Duration</b>	<b>6 Months</b>

<b>Sr. No.</b>	<b>Name of Consumable Supplies</b>	<b>Qty.</b>
1.	Thumb Pins	1 pkt /student
2.	Common Pins	1 pkt /Student
3.	Clutch Pencil	1 /student
4.	Pattern sheets	12 sheets /student
5.	Box Board	12 /Student
6.	Tracing Marker	1 /student
7.	Black Pointer	1 /student
8.	Board Marker	One
9.	Tailoring Chalk	One packet
10.	Pin Cushion	1 /student
11.	Fabric Calico Roll	1 / Group
12.	Tracing paper	12 /student
13.	A4 Papers	20 /student
14.	Clipper	1 / Student
15.	Dust Bin	1 / Group