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རིག་རྩལ་གོང་འཕེལ་དང་ལས་མི་འཆར་གཞི་ལས་ཁུངས།
ཤེས་རིག་དང་རིག་རྩལ་གོང་འཕེལ་ལྷན་ཁག།



Technical Trainers Training and
Resource Centre
Department of Workforce Planning and
Skills Development
Ministry of Education and Skills
Development



སྒྲིབ་སྟོན་གྲུབ་གཞི་བཞག་གི་རྩ་གཞུང་།
དུས་བབ་སྒྱུ་རྩལ་ཆས་བཟོ་བཞུགས།
གཞུག་ལག་འོག་མ།

COMPETENCY BASED CURRICULUM
FASHION AND APPAREL DESIGN
DIPLOMA



ཕྱོགས་གྲུབ་གཞི་བཞག་གི་རྩ་གཞུང་།
དུས་བབ་གྱི་ཆས་བཟོ་བཞེད།
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Competency Based Curriculum
Fashion and Apparel Design
Diploma

Technical Trainers Training and Resource Center
Department of Workforce Planning and Skills Development
Ministry of Education and Skills Development
Thimphu

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FOREWORD

Bhutan has seen a gradual increase in the requirement of skilled workers in recent years due to growth of industries. However, supply of skilled workforce that are responsive to the needs of the industry has not been able to keep in pace with the industry demand. Since the skilled workers are crucial ingredient for socio-economic development of the country, it is important to have adequate number of trained and certified workers. With growing industries, the “Fashion and Apparel Designer” is not only the most significant occupation but also have high demand in the labour market. In an effort to meet the skilled human resources requirement in the Fashion Technology, it is imperative to deliver training based on Competency Based Training system in Fashion and Apparel Design BQF Certificate-4/Diploma to ensure quality and adequate number of work force in this sector.

To this end, the Department of Workforce Planning and Skills Development (DWPSD) is pleased to present Competency Based Curriculum for Fashion and Apparel Design course for diploma developed based on national competency standard. Since it is an outcome of a more participatory process of curriculum development, it is expected to provide training delivery with reformed approaches having its content being directly related to labour market needs, focusing on imparting of skills and assessment based on industry work standards. We believe that the Competency Based Curriculum will help in bridging the skill gap between industry’s needs and training institutes thereby enhance the employability of the technical graduates.

The Department acknowledges the valuable contributions made by institutes, officials, and experts from relevant industries who were involved in the design and development of this curriculum. As it is a dynamic document which may require revision based on the needs of the changing labour market, the Department look forward to receiving valuable feedbacks from the institutes and the industries to further improve and refine the curriculum

The Department hope that this document will help advance Competency Based Learning in most of the TVET Institutions.



(Sangay Dorji)

Officiating Director

Department of Workforce Planning and Skills Development

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Experts involved in the development of Diploma in Fashion and Apparel Design curriculum:

1. Ms. Dorothy Gurung, Freelance Subject Expert, Thimphu.
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3. Ms. Namratha Nepal, Freelance Subject Expert, Thimphu.
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2. Mr. Yonten Pelzang, Principal/Curriculum Developer, TTTRC – Dekiling, Sarpang

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4. Mr. Bal Bahadur Rai, Freelance Subject Expert, Thimphu.
5. Ms. Tashi Yangzom, National Institute for Zorig Chusum, Thimphu
6. Mr. Prem Kumar Bhattarai, TVET Quality Council, BQPCA, Thimphu.

Facilitators for validation of the Diploma in Fashion and Apparel Design curriculum:

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2. Mr. Druba, Instructor, TTI Samthang, Wangdue Phodrang.
3. Mr. Yonten Pelzang, Principal/Curriculum Developer, TTTRC – Dekiling, Sarpang

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Course Structure (2 Years Program)

1. Semester 1:

SL. No	Subject/Module	Duration (Hours)
1.	Module 1	230
2.	Module 2: L01 -L03	320
3.	Professional English-I	68
4.	Applied ICT-I	45
5.	Institute Assessment	30
Total Duration:		693

2. Semester 2:

SL. No	Subject/Module	Duration (Hours)
1.	Module 2: L03	548
2.	Professional English Language-II	68
3.	Ethics and integrity	68
4.	Institute Assessment	30
Total Duration		714

3. Semester 3:

SL. No	Subject/Module	Duration (Hours)
1.	Module: 3	134
2.	Module 4	106
3.	Module 5	132
4.	Applied Mathematics	126
5.	Applied ICT-II	45
6.	Institute Assessment	30
Total Duration:		573

4. Semester 4

SL. No	Subject/Module	Duration (Hours)
1.	OJT	420
2.	Entrepreneurship	70
3.	GNH and Human Values	30
4.	Applied Dzongkha	42
5.	Institute Assessment	30
6.	National Assessment	60
Total Duration:		652

COMPETENCY PROFILE

Trade: Fashion and Apparel Design (Diploma)

Competency Area	Sub- Competency Area	Competencies/Tasks			
A: Developing Fashion Design Concepts	A1: Determine Clients' Requirements	A1.01 Conduct clients' consultation	A1.02 Analyze client briefs and references	A1.03 Assess clients' life style and brand identity	A1.04 Maintain technical documents of clients
	A2: Perform Research on Fashion Trends and Theme	A2.01 Identify fashion trends	A2.02 Explore fashion trends sources	A2.03 Analyze historical and cultural influences	A2.04 Conduct research on theme
		A2.05 Synthesize finding of fashion trends and theme			
	A3: Produce Designs Manually and Digitally	A3.01 Create concept for design	A3.02 Create fashion illustration manually	A3.03 Develop fashion illustration digitally	A3.04 Develop research board manually
		A3.05 Develop research board digitally	A3.06 Create specification sheet manually	A3.07 Create specification sheet digitally	A3.08 Create cost sheet
		A3.09 Present designs for feedback			
B: Constructing Fashion Garments and Accessories	B1: Source Raw Materials for Garments and Accessories	B1.01 Determine materials suitability	B1.02 Identify authentic suppliers	B1.03 Analyze availability, quantity, and cost of materials	B1.04 Maintain documents of sourcing raw materials

	B2: Perform Patternmaking	B2.01 Perform body measurement	B2.02 Draft basic blocks and patterns for women's shirt	B2.03 Draft basic blocks and patterns for women's skirt	B2.04 Draft basic blocks and patterns for women's trouser
		B2.05 Draft basic blocks and patterns for women's gown	B2.06 Draft basic blocks and patterns for women's jacket	B2.07 Draft basic blocks and patterns for men's shirt	B2.08 Draft basic blocks and patterns for men's trouser
		B2.09 Draft basic blocks and patterns for men's jackets	B2.10 Draft basic blocks and patterns for kids' shirts	B2.11 Draft basic blocks and patterns for kids' jumpsuits	B2.12 Draft basic blocks and patterns for kids' dress
		B2.13 Draft pattern for bag	B2.14 Draft pattern for cap	B2.15 Draft pattern for belt	B2.16 Perform draping
		B2.17 Test pattern for fit			
	B3: Perform Embellishment	B3.01 Interpret embellishment requirements	B3.02 Perform basic dyeing	B3.03 Perform basic hand embroidery	B3.04 Perform basic machine embroidery
		B3.05 Perform fabric printing	B3.06 Perform applique on garment		
	B4: Assemble and sew garment and accessories	B4.01 Use PPE	B4.02 Perform stitching	B4.03 Make women's shirt	B4.04 Make women's skirt
		B4.05 Make women's trouser	B4.06 Make women's gown	B4.07 Make women's jacket	B4.08 Make men's shirt

		B4.09 Make men's trouser	B4.10 Make men's jacket	B4.11 Make kid's shirt	B4.12 Make kid's jumpsuit
		B4.13 Make kid's dress	B4.14 Make bag	B4.15 Make cap	B4.16 Make belt
		B4.17 Make tie	B4.18 Performing finishing work		
C: Managing Apparel Production Processes	C1: Plan Production	C1.01 Develop plan for garment production process	C1.02 Perform estimation and costing of materials	C1.03 Estimate production volume	C1.04 Monitor production process
		C1.05 Maintain tech pack			
	C2: Supervise Production	C2.01 Oversee daily production activities	C2.02 Monitor inventory management	C2.03 Monitor production efficiencies	C2.04 Resolve production issues
	C3: Manage Quality Control	C3.01 Develop quality control plan	C3.02 Monitor in-process production quality	C3.03 Conduct final product inspection	C3.04 Maintain document for quality issues
D: Managing Post Production Activities	D1: Evaluate Final Products	D1.01 Review product specifications	D1.02 Inspect final product quality	D1.03 Conduct research on final products	
	D2: Package Final Products	D2.01 Prepare packaging materials	D2.02 Apply branding and labels	D2.03 Pack final products	
	D3: Perform Dispatching of Finished Products	D3.01 Verify finished products for dispatch	D3.02 Prepare dispatch documents	D3.03 Organize logistics and transportation	

E: Carrying out Marketing and Merchandizing of Fashion Products	E1: Analyze Target Market	E1.01 Conduct market research	E1.02 Segment market	E1.03 Evaluate sales channels	E1.04 Assess competitive positioning
	E2: Perform Merchandizing of the Products	E2.01 Conduct research on fashion trends	E2.02 Plan merchandizing strategy	E2.03 Design visual merchandizing layout	E2.04 Manage inventorying
	E3: Plan for Marketing Strategies	E3.01 Develop comprehensive marketing strategy	E3.02 Plan marketing budget	E3.03 Develop Key Performance Indicators (KPIs)	E3.04 Conduct Brand to Business (B2B)
	E4: Implement Marketing Strategies	E4.01 Execute marketing campaigns	E4.02 Distribute marketing contents	E4.03 Coordinate product launches	E4.04 Manage customer engagement

COURSE INFORMATION

COURSE TITLE	Fashion and Apparel Design
LEVEL	Diploma
COURSE OBJECTIVE	Upon completion of this training program, the trainees will be able to: • Develop Fashion Design Concepts • Construct Fashion Garments and Accessories • Manage Apparel Production Processes • Manage Post-Production Activities • Carry out Marketing and Merchandising of Fashion Products
COURSE DESCRIPTION	This course is designed to provide trainees with the knowledge, skills and attitudes required to be competent in Fashion and Apparel Design. This course will prepare the trainees to exhibit professionalism, teamwork, adaptability, and safety practices as per the requirement of workplace. To obtain certification of this course, all learning outcomes prescribed must be achieved.
COURSE DURATION	2632 Hours
TRAINER AND TRAINEE RATIO	1:12 (Practical) 1:20 (Theory)
ENTRY REQUIREMENT	Completed Fashion and Apparel Design Certificate 3 or Class XII Pass
TVET TRAINER REQUIREMENTS	• Must have a minimum qualification of a degree in the relevant field; • Must have undergone Training of Trainers-Technical Instruction and Pedagogy; • Must¹ have at least 5 years of job/industry experience

¹ Applicable only if institutes hire instructor or guest lecturer from industry

COURSE OUTLINE

Sl. No	Subject /Module	Duration (Hours)	Content Competencies (Mapped)
1.	Core modules	1470	CC
2.	OJT	420	CC
3.	Assessment	180	
4.	Project Work, industrial visits and assignments	330	
Total hours for Core Competencies (CC)		2400	
1.	Applied Dzongkha	42	SS
2.	ICT	90	SS
3.	Applied Mathematics	126	SS
4.	Technical English	136	SS
5.	Ethics and Integrity	68	PD
6.	GNH and Human Values	30	PD
7.	Entrepreneurship	70	PD
Total hours for Soft Skills (SS)		562	
Entire Course Duration		2632	

Note: (*) This curriculum contains core modules, which cover main competencies of Fashion and Apparel Design for Diploma and OJT component. There are separate curricula for subjects/modules for delivery of soft skills, professional development & values and environmental concern & safety. In order to achieve the qualification of Diploma of Fashion and Apparel Design, the subjects and modules listed must be accomplished as per the credit hours provided.

Content Competencies:

CC-Core Competencies

SS-Soft Skills

PD-Professional Development and Values

ES-Environmental concern and Safety

COURSE STRUCTURE FOR CORE COMPETENCIES

Training Modality	Module Title	Learning outcomes	Nominal Duration (Hour)
Institute Training	1. Developing Fashion Design Concepts	1.1 Determine Clients' Requirement 1.2 Perform Research on Fashion Trends and Theme 1.3 Produce Designs Manually and Digitally	230hrs
	2. Constructing Fashion Garments and Accessories	2.1 Source Raw Materials for Garments and Accessories 2.2 Perform Patternmaking 2.3 Perform Embellishment 2.4 Assemble and sew Garments and Accessories	868hrs
	3. Managing Apparel Production Processes	3.1 Plan Production 3.2 Supervise Production 3.3 Manage Quality Control	134hrs
	4. Managing Post Production Activities	4.1 Evaluate Final Products 4.2 Package Final Products 4.3 Perform Dispatching of Finished Products	106hrs
	5. Carrying out Marketing and Merchandizing of Fashion Products	5.1 Analyze Target Market 5.2 Perform Merchandizing of the Products 5.3 Plan for Marketing Strategies 5.4 Implement Marketing Strategies	132hrs
OJT	1. Developing Fashion Design Concepts	1.1 Determine Clients' Requirement 1.2 Perform Research on Fashion Trends and Theme 1.3 Produce Designs Manually and Digitally	420 Hrs
	2. Constructing Fashion Garments and Accessories	2.1 Source Raw Materials for Garments and Accessories 2.2 Perform Patternmaking 2.3 Perform Embellishment 2.4 Assemble and sew Garments and Accessories	
	3. Managing Apparel Production Processes	3.1 Plan Production 3.2 Supervise Production 3.3 Manage Quality Control	
	4. Managing Post Production Activities	4.1 Evaluate Final Products 4.2 Package Final Products 4.3 Perform Dispatching of Finished Products	
	5. Carrying out Marketing and Merchandizing of Fashion Products	5.1 Analyze Target Market 5.2 Perform Merchandizing of the Products 5.3 Plan for Marketing Strategies 5.4 Implement Marketing Strategies	
Total Duration CC			1890 Hrs

ASSESSMENT AND CERTIFICATION SYSTEM

ASSESSMENT	Diagnostic assessment of each skill will be conducted to identify areas where trainees may require additional support or intervention. This assessment will also evaluate their existing knowledge, skills, and understanding prior to a specific learning experience or unit of study. Methods such as pre-tests, concept mapping, KWL charts, and observations of student work will be utilized. Formative assessment for every module and learning outcome will be conducted through assignments, project works, continuous assessment, demonstration of practical skills/observations, oral questioning and written test. Summative assessment after completion of each national certificate level will be conducted by TVET Quality Council, Bhutan Qualifications and professional certification authority, MoESD as per the National Competency Standards and Guidelines for National Assessment and Certification System, provided the course is accredited with TVET Quality Council, Bhutan Qualifications and professional certification authority, MoESD.
CERTIFICATION	On successful completion of every module, the institute will award a certificate of achievement to the trainees. The TVET Quality Council, Bhutan Qualifications and professional certification authority, MoESD will award a National Certificate to the trainees upon the successful completion of BQF Certificate level assessment.
COURSE DELIVERY	1. Modular 2. Demonstration 3. Lecture 4. Industrial training/attachment 5. Project work 6. Problem-based learning 7. Project-based learning
RESOURCES	Materials • Pencil, pen, eraser, notepad, notebook, A4/A3 sheets, sketchbook, chart paper, tracing paper, outliner pen, red/blue pencil, drafting paper, card board, foam board, water color, acrylic paint, color pencil, markers, brushes, threads (embroidery, metallic, sewing), fabric, fabric swatches, muslin fabric, tailor chalk, trims, ribbons, Velcro, elastic, hooks and eyes, laces, zippers, cotton fabric, interfacing, lining, fusible tape, bias tape, buckram, canvas, cello tape, glue, thread/rope, foam sheets, bubble wrap, poly mailers, plastic wrap, files, logbooks, journal books, feedback forms, catalogues (supplier, fashion, fabric), brand guidelines, size/spec charts, costing sheets, tech packs, product tags/cards, brochures, posters, flyers, newsletters, blogs, articles, business goal documents, marketing/content calendars, competitor reports, market research data, salt, soda ash, vinegar, detergent, stencils, resource planning sheets squeegee, applique design piece, textile pins, staple pins, fabric glue, clips, pin cushions, theme list and measuring chart

	Tools • Stapler, punching machine, calculator, glue gun, scissors, craft knives, tagging guns, digital pens, dressmaking scissors, pinking shears, seam rippers, thread cutters, thimbles, hand sewing needles, loop turners, awls, pattern notches, barcode scanners, bobbins and bobbin cases, measuring tape, ruler, magnifying glasses, pattern masters and sharpener Instruments • Weighing scale Software • Users-centered design (UCD), Apparel Computer Aided Design (ACAD), photoshop, CRM software Equipment • Computers, laptops, tablets, printers, projectors, cameras, label printers, tablet stands, sewing machines (lockstitch, zigzag, overlock/serger), buttonhole machines, blind stitch machines, heat press machines, heat sealers, shrink wrap machines, steam presses, industrial irons, GSM cutters, seam strength testing machines, embroidery machines, fabric printers, block printers, stoves, electric wave induction units, local ovens, ironing tables, pressing tables, fabric storage racks, pattern storage cabinets, USB, , cutting table, drafting table and trolleys PPE • Apron, working dress, face mask, gloves, finger guards, safety goggles, safety shoes, hand sanitizer and First Aid Learning Materials • Competency Based Learning Materials (CBLM) • Reference books • Hand-outs • Audio visuals Infrastructure and training facilities • <i>Theory classroom size:</i> Minimum of 1 m² per trainee; • <i>Practical Workshop size:</i> Minimum of 2.25 m² per trainee. Variables must be considered depending upon type of skills being taught and the number of trainees participating at a time.
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MODULE 1: DEVELOPING FASHION DESIGN CONCEPTS

MODULE INFORMATION

Occupation	Fashion and Apparel Designer
Competency Area	Develop Fashion Design Concepts
Module Title	Developing Fashion Design Concepts
Module Code	2163-M1-L4
Module Description	This module is structured to provide learners with the knowledge, skills and right attitude required to determine clients' requirements, perform research on fashion trends and theme, and produce designs manually and digitally
Nominal Duration	230 Hours
Certificate Level	Diploma
Pre-requisite	Class XII
Learning Outcome	1. Determine Clients' Requirements 2. Perform Research on Fashion Trends and Theme 3. Produce Designs Manually and Digitally

Module Title	Developing Fashion Design Concepts		
Module Code	2163-M1-L4		
Learning Outcome 1	Determine Clients' Requirements		
Duration	Theory: 10 hours	Practical: 14 hours	Total: 24 hours
Assessment Criteria	- Client's consultation is conducted as per the job requirement following standard procedure - Client briefs and references are analyzed as per the job requirement following standard procedure - Clients' life style and brand identity are assessed as per the job requirement following standard procedure - Technical documents of clients are maintained as per the job requirement following standard procedure		
Content	A1.00 Introductory knowledge - Introduction to fashion and apparel design - Trends and scopes of fashion and apparel designer A1.01 Conducting clients' consultation Knowledge - Definition of clients - Fashion and trends - Textile and fabric properties - Color theory - Body types and fit - Measurement standards Skills - Observation skills - Communication skills - Problem-solving skills - Organizational skills - Creativity - ICT skill Attitude, safety, and environmental concern - Effective time management - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Being a team player - Proper handling of tools, materials and equipment - Having sense of ownership and accountability A1.02 Analyzing client briefs and references Knowledge - Determination of client's goal - Different aesthetics and types of styles - Textile and fabric properties - Traditional, National, and international designs		

	<i>Skills</i> • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Analytical skills • Negotiation skills • Creativity • ICT skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring to follow OHS rules and regulation A1.03 Assessing clients' life style and brand identity <i>Knowledge</i> • Definition of brand • Importance of brand • Process of assessing client's life style and brand identity using bloom's taxonomy • Psychographics of fashion • Current fashion trends • Different sources of lifestyle choice • Tone of voice, storytelling and influencers and partnerships <i>Skills</i> • Analytical skills • Assessment skills • Interpersonal relationship skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability
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	- Ensuring to follow OHS rules and regulation A1.04 Maintaining technical documents of clients Knowledge - Definition of technical documents - Client information and overview - Project documentation - Technical specification of client's document - Types of back up and security strategy Skills - Observation skills - Communication skills - Problem-solving skills - Organizational skills - Creativity Attitude, safety, and environmental concern - Effective time management - Being a team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials - Competency-Based Learning Materials (CBLM) - Hand-outs - Audio Visuals - Reference books - Manuals - LMS Learning facilities and infrastructure - Classroom with adequate facilities - Information Technology (IT) lab - Library - Workshop/Studio Materials - Note pad, pen, pencil, eraser, catalogues and fabrics Tools - Sharpener Equipment - Computer and printer

	PPE • Apron, face mask, working dress, safety shoe and hand sanitizer
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Developing Fashion Design Concepts		
Module Code	2163-M1-L4		
Learning Outcome 2	Perform Research on Fashion Trends and Theme		
Duration	Theory: 18 hours	Practical: 29 hours	Total: 47 hours
Assessment Criteria	• Fashion trends are identified as per the job requirement following standard procedure • Fashion trends sources are explored as per the job requirement following standard procedure • Historical and cultural influences are analyzed as per the job requirement following standard procedure • Research on theme is conducted as per the job requirement following standard procedure • Finding of fashion trends and theme are synthesized as per the job requirement following standard procedure		
Content	A2.01 Identifying fashion trends Knowledge • Definition of fashion Trends Trend forecasting and industrial knowledge • Trend spotting • Market awareness • Textile knowledge • Branding knowledge Skills • Digital literacy skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation A2.02 Exploring fashion trends sources Knowledge • Sources of fashion trends		

	• Importance of exploring fashion trends • Retail and e-commerce activity • Textile and fabrics • Fashion media and trend forecasting platforms • Methods of trend forecasting • Fashion merchandizing Skills • Digital literacy skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity • ICT skills Attitude, safety and environmental concern • Effective time management • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation A2.03 Analyzing historical and cultural influences Knowledge • Fashion History • Origination of brand history • Historical and cultural awareness Skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity
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	• Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation A2.04 Conducting research on theme Knowledge • Definition of research • Introduction on fashion research • Definition of theme • Trend Awareness • Data collection and documentation • Thematic development • Visual communication and design layout Skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation A2.05 Synthesizing finding of fashion trends and theme Knowledge • Importance of synthesizing findings of fashion trends and theme • Importance of thematic elements Skills • Creative Skill • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills
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	<i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Note pad, pen, pencil, eraser, catalogues, fashion magazines, sketch book and theme list Tools • Sharpener Equipment • Laptop, camera, projector and printer PPE • Apron, face mask, working dress and hand sanitizer
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning

Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work
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Module Title	Developing Fashion Design Concepts		
Module Code	2163-M1-L4		
Learning Outcome 3	Produce Designs Manually and Digitally		
Duration	Theory: 52 hours	Practical: 107 hours	Total: 159 hours
Assessment Criteria	• Concept for design is created as per the job requirement following standard procedure • Fashion illustration is created manually as per the job requirement following standard procedure • Fashion illustration is developed digitally as per the job requirement following standard procedure • Research board is developed manually as per the job requirement following standard procedure • Research board is developed digitally as per the job requirement following standard procedure • Specification sheet is created manually as per the job requirement following standard procedure • Specification sheet is created digitally as per the job requirement following standard procedure • Cost sheet is created as per the job requirement following standard procedure • Designs for feedback is presented as per the job requirement following standard procedure		
Content	A3.01 Creating concept for design Knowledge • Fashion terminology • Fashion cycle theory • Image building, fashion branding and patent • Scope and significance of fashion designer • Inspiration for design • Design fundamentals • Color theory • Fashion psychology • Textile and fabric properties • Measurement standards • Users-centered design (UCD) • Technical flat front and back view of garment design Skills • Creativity • Observation skills • Communication skills • ICT skills • Problem-solving skills • Organizational skills		

	<i>Attitude, safety and environmental concern</i> ● Effective time management ● Being team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials and equipment ● Having sense of ownership and accountability ● Ensuring correct use of PPE ● Ensuring proper disposal of waste ● Ensuring to follow OHS rules and regulation A3.02 Creating fashion illustration manually <i>Knowledge</i> ● Introduction to fashion illustration ● Brief history of fashion illustration ● Concept on drawing and sketching ● Types of drawing media ● Rendering techniques ● Fashion figures ● Definition of croquis ● Concept on anthropometry in fashion ● Concepts of Clothing, Culture and Communication (3Cs) <i>Skills</i> ● Creativity ● Critical thinking skills ● Communication skills ● Problem-solving skills ● Organizational skills ● Free hand drawing skills <i>Attitude, safety and environmental concern</i> ● Effective time management ● Being team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials and equipment ● Having sense of ownership and accountability ● Ensuring correct use of PPE ● Ensuring proper disposal of waste ● Ensuring to follow OHS rules and regulation ● Ensuring to maintain the originality of the design
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	A3.03 Developing fashion illustration digitally Knowledge • Theory on Apparel Computer Aided Design (ACAD) • Benefits of CAD in fashion design • Digital art tools and proficiency • Integration of CAD in fashion Skills • Using Photoshop • Using Adobe illustrator • Using CorelDraw • Critical thinking • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring to follow OHS rules and regulation A3.04 Developing research board manually Knowledge • Definition of research board • Importance of research board • Cultural and art influence • Types of board • Types of layout board • Methods of developing research board Skills • Creativity • Analytical skills • Critical thinking • Organizational skills • ICT skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety and environmental concern • Effective time management
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	• Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation A3.05 Developing research board digitally Knowledge • Difference between manual and digital development of research board • Advantages and disadvantages of developing manual and digital research board • Methods for work flow combining manual and digital • Aesthetic presentation of research board Skills • ICT skills • Using Photoshop • Using Adobe illustrator • Using CorelDraw • Creativity • Critical thinking skills • Organizational skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety and environmental concern • Effective time management • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Being a team player • Proper handling of tools, materials and equipment • Having sense of ownership and accountability A3.06 Creating specification sheet manually Knowledge • Definition of specification sheet • Importance of specification sheet • Definition of flat sketches • Importance of flat sketches • Concept of fabric swatches and trims Skills • Creativity
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	• Analytical skills • Critical thinking • Organizational skills • Observation skills • Communication skills • ICT skills • Problem-solving skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation A3.07 Creating specification sheet digitally <i>Knowledge</i> • Definition of digital flat sketches • Importance of digital flat sketches • Techniques for creating digital flat sketches <i>Skills</i> • ICT skills • Using Photoshop • Using Adobe illustrator • Using CorelDraw • Critical thinking • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety and environmental concern</i> • Effective time management • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Being a team player • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
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	A3.08 Creating cost sheet Knowledge • Define cost sheet • Purpose of cost sheet • Types of labor • Types of production cost • Bills of Materials (BOM) Skills • Analytical skills • Creativity • Numeracy skills • Using excel sheet • Observation skills • Communication skills • Problem-solving skills • Organizational skills • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring to follow OHS rules and regulation A3.09 Presenting designs for feedback Knowledge • Visual aesthetic • Design curation • Functionality and wearability • Conceptual and storytelling elements • Collaborative feedback process Skills • Presentation Skills • Feedback handling skills • Critical thinking skills • Analytical skills • Creativity • Observation skills • Organizational skills • Communication skills • Problem-solving skills • ICT skills
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	<i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials and equipment • Having sense of ownership and accountability • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Note pad, notebook, A4/A3 sheet, sketchbook, tracing paper, pen, pencil (including HB), eraser, markers, outliner pen, brush, water color, color pencil, acrylic paint, fabric swatches, glue, clips, ribbons, trims, cello tape, catalogues, fashion magazines, pictures, foam board, card board, chart paper and screen gloves Tools • Scissors, craft knives, staplers, glue gun, digital pen, scale, sets of ruler and sharpener Software • Users-centered design (UCD), Apparel Computer Aided Design (ACAD) and photoshop Equipment • Computer, laptop, tablet, printer and projector PPE • Apron, face mask and working dress

Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

MODULE 2: CONSTRUCTING FASHION GARMENTS AND ACCESSORIES

MODULE INFORMATION

Occupation	Fashion and Apparel Designer
Competency Area	Construct Fashion Garments and Accessories
Module Title	Constructing Fashion Garments and Accessories
Module Code	2163-L4-M2
Module Description	This module is structured to provide the learners with knowledge, skills, and the right attitude to source raw materials for garments and accessories, perform patternmaking, perform embellishment, assemble and sew garments and accessories
Nominal Duration	868 Hours
Qualification Level	Diploma
Pre-requisite	Completed Module: 2163-L4-M1
Learning Outcome	1. Source Raw Materials for Garments and Accessories 2. Perform Patternmaking 3. Perform Embellishment 4. Assemble and sew Garments and Accessories

Module Title	Constructing Fashion Garments and Accessories		
Module Code	2163-L4-M2		
Learning Outcome 1	Source Raw Materials for Garments and Accessories		
Duration	Theory: 10 hours	Practical: 14 hours	Total: 24 hours
Assessment Criteria	- Materials suitability is determined as per the job requirement following standard procedure - Authentic suppliers are identified as per the job requirement following standard procedure - Cost, quantity and availability are analyzed as per the job requirement following standard procedure - Documents of sourcing raw materials are maintained as per the job requirement following standard procedure		
Content	B1.01 Determining materials suitability Knowledge - Local and international textile - Concept on textile and fabrics - Key aspects of fashion ergonomics - Branding in materials suitability - Types of fabric and properties Skills - Analytical skills - Critical thinking skills - Creativity - Organizational skills - Observation skills - Research Skills - ICT skills - Communication skills - Problem-solving skills Attitude, safety, and environmental concern - Effective time management - Being a team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring proper disposal of waste - Ensuring to follow OHS rules and regulation B1.02 Identifying authentic suppliers Knowledge - Definition of sourcing - Sourcing and researching - Supply chain and production concept - Importance of authentic suppliers		

	• Materials and product specifications <i>Skills</i> • ICT skills • Analytical skills • Critical thinking skills • Negotiation skills • Communication skills • Observation skills • Organizational skills • Problem-solving skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation B1.03 Analyzing cost, quantity and availability <i>Knowledge</i> • Creative sourcing • Financial planning and budgeting • Supply chain and management • Production planning <i>Skills</i> • Research Skills • Numeracy skills • Analytical skills • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
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	B1.04 Maintaining documents of sourcing raw materials Knowledge • Introduction to procurement • Importance of maintaining documents of sourcing raw materials • Inventory and procurement management • Documentation standard Skills • Using excels • ICT skills • Numeracy skills • Analytical skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and Infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Note pad, notebook, pen, pencil, eraser, supplier catalogues, fabric catalogues, fabric swatches, stapler pins, clips and logbook Tools • Sharpener, file, calculator and stapler

	Equipment • Computer, printer and punching machine, PPE • Gloves, face mask, apron, hand sanitizer, first aid and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Constructing Fashion Garments and Accessories		
Module Code	2163-L4-M2		
Learning Outcome 2	Perform Patternmaking		
Duration	Theory: 73 hours	Practical: 126 hours	Total: 199 hours
Assessment Criteria	• Body measurement is performed as per the job requirement following standard procedure • Basic blocks and patterns for women's shirt are drafted as per the job requirement following standard procedure • Basic blocks and patterns for women's skirt are drafted as per the job requirement following standard procedure • Basic blocks and patterns for women's trouser are drafted as per the job requirement following standard procedure • Basic blocks and patterns for women's gown are drafted as per the job requirement following standard procedure • Basic blocks and patterns for women's jacket are drafted as per the job requirement following standard procedure • Basic blocks and patterns for men's shirt are drafted as per the job requirement following standard procedure • Basic blocks and patterns for men's trouser are drafted as per the job requirement following standard procedure • Basic blocks and patterns for men's jackets are drafted as per the job requirement following standard procedure • Basic blocks and patterns for kids' shirts are drafted as per the job requirement following standard procedure • Basic blocks and patterns for kids' jumpsuits are drafted as per the job requirement following standard procedure • Basic blocks and patterns for kids' dress are drafted as per the job requirement following standard procedure • Pattern for bag is drafted as per the job requirement following standard procedure • Pattern for cap is drafted as per the job requirement following standard procedure • Pattern for belt is drafted as per the job requirement following standard procedure • Draping is performed as per the job requirement following standard procedure • Pattern for fit is tested as per the job requirement following standard procedure		
Content	B2.01 Performing body measurement Knowledge • Definition of mannequin • Types of mannequins • Uses of mannequins • Anatomy and body land marks		

	• Concept on anthropometry in fashion • Tips for accurate measurement • General guidelines for measurement • Do's and don'ts of measurement Skills • Measuring skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Critical thinking • Analytical skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation • Ensuring to maintain professional boundary B2.02 Drafting basic blocks and patterns for women's shirt Knowledge • Definition of drafting • Definition of basic blocks • Definition of pattern • Definition of pattern drafting • Technical drafting • Pattern adjustment and alternation • Dart manipulation • Terminologies in pattern making • Types of women's shirt • Components of shirt • Basics patterns of shirt • Pattern grading and sizing Skills • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills
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	<i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation • Ensuring proper disposal of waste B2.03 Drafting basic blocks and patterns for women's skirt <i>Knowledge</i> • Definition of skirts • Types of skirts • Components of skirt • Basics patterns of skirt • Pattern grading and sizing <i>Skills</i> • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B2.04 Drafting basic blocks and patterns for women's trouser <i>Knowledge</i> • Definition of trouser • Types of women's trouser • Components of trouser • Basics patterns of trouser • Pattern grading and sizing <i>Skills</i> • Drafting skills
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	• Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B2.05 Drafting basic blocks and patterns for women's gown <i>Knowledge</i> • Definition of gown • Types of gowns • Components of gown • Basics patterns of gown • Pattern grading and sizing <i>Skills</i> • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation
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	B2.06 Drafting basic blocks and patterns for women's jacket Knowledge • Definition of jacket • Types of women's jackets • Components of jacket • Concept on jackets design • Basics patterns of jackets • Pattern grading and sizing • Difference between men and women's jacket Skills • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation B2.07 Drafting basic blocks and patterns for men's shirt Knowledge • Definition of men's shirt • Types of men's shirt • Components of men's shirt • Concept on men's shirt design • Basic patterns of men's shirt • Pattern grading and sizing Skills • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills
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	<i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation B2.08 Drafting basic blocks and patterns for men's trouser <i>Knowledge</i> • Types of men's trouser • Components of trouser • Basic patterns of men's trouser • Pattern grading and sizing <i>Skills</i> • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity • Attention to details <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring to follow OHS rules and regulation B2.09 Drafting basic blocks and patterns for men's jacket <i>Knowledge</i> • Concept on men's body proportions • Types of men's jackets • Components of jacket • Anatomy of jacket • Concept on jackets design • Basics patterns of men's jackets • Pattern grading and sizing <i>Skills</i> • Measuring skills • Analytical skills • Critical thinking skills • Communication skills
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	● Observation skills ● Problem-solving skills ● Organizational skills <i>Attitude, safety, and environmental concern</i> ● Effective time management ● Being a team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials, and equipment ● Having a sense of ownership and accountability ● Ensuring proper disposal of waste ● Ensuring to follow environmental rules and regulations ● Ensuring to follow OHS rules and regulation B2.10 Drafting basic blocks and patterns for kids' shirts <i>Knowledge</i> ● Child's body proportions ● Types of kid's shirt ● Components of kid's shirt ● Concept on kid's shirt design ● Basics patterns of kid's shirt ● Pattern grading and sizing <i>Skills</i> ● Drafting skills ● Measuring skills ● Creativity ● Critical thinking skills ● Organizational skills ● Observation skills ● Communication skills ● Problem-solving skills <i>Attitude, safety, and environmental concern</i> ● Effective time management ● Being a team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials, and equipment ● Having a sense of ownership and accountability ● Ensuring proper disposal of waste ● Ensuring to follow OHS rules and regulation B2.11 Drafting basic blocks and patterns for kids' jumpsuits <i>Knowledge</i> ● Definition of kid's jumpsuit
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	• Types of kid's jumpsuit • Components of kid's jumpsuit • Concept on kid's jumpsuit design • Basics patterns of kid's jumpsuit • Pattern grading and sizing <i>Skills</i> • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B2.12 Drafting basic blocks and patterns for kids' dress <i>Knowledge</i> • Types of kid's dress • Components of kid's dress • Concept on kid's dress design • Basics patterns of kid's dress • Pattern grading and sizing <i>Skills</i> • Drafting skills • Measuring skills • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient
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	• Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B2.13 Drafting pattern for bag Knowledge • Classification of bags • Anatomy of bag • Key aspects of bag design analysis • Key elements of spatial planning of bag design • Pattern labelling standards for bag • Technical pattern details of bag Skills • Drafting skills • Measuring skill • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation B2.14 Drafting pattern for cap Knowledge • Definition of cap • Classification of cap • Anatomy of cap • Key aspect of cap design analysis • Key elements of spatial planning of cap design • Pattern labelling standards of cap • Technical pattern details of cap Skills • Drafting skills
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	● Measuring skills ● Creativity ● Critical thinking skills ● Organizational skills ● Observation skills ● Communication skills ● Problem-solving skills <i>Attitude, safety, and environmental concern</i> ● Effective time management ● Being a team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials, and equipment ● Having a sense of ownership and accountability ● Ensuring proper disposal of waste ● Ensuring to follow OHS rules and regulation B2.15 Drafting pattern for belt <i>Knowledge</i> ● Definition of belt ● Importance of belt ● Types of belts ● Anatomy of belt ● Pattern grading and sizing <i>Skills</i> ● Measuring skills ● Creativity ● Critical thinking skills ● Organizational skills ● Observation skills ● Communication skills ● Problem-solving skills <i>Attitude, safety, and environmental concern</i> ● Effective time management ● Being a team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials, and equipment ● Having a sense of ownership and accountability ● Ensuring proper disposal of waste ● Ensuring to follow OHS rules and regulation B2.16 Performing draping <i>Knowledge</i> ● Definition of draping
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	• Methods of draping • Concept on grain lines, bias, and fabric stretch • Techniques of draping • Types of fabrics used for draping • Concept on dress forms/mannequins • Importances of adjustment and refinement of draped designs Skills • Measuring skills • Draping skills • Creativity • Analytical skills • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B2.17 Testing pattern for fit Knowledge • Definition of fabric tensile strength • Pattern grading and adjustments • Characteristics of fabric • Anatomy of dress form • Importances of fit and their functions Skills • Measuring skills • Draping skills • Analytical thinking • Creativity • Critical thinking skills • Organizational skills • Observation skills • Communication skills • Problem-solving skills Attitude, safety, and environmental concern • Effective time management • Being a team player
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	• Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and Infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Notepad, pen, pencil, red and blue pencil, eraser, drafting paper, chart paper, tracing paper, markers, color pencils, fabric samples, muslin fabric, tailor's chalk, measuring chart, elastic or strings, clip, textile pins, pin cushion and sewing kit Tools • Sharpener, scissors, mirror, dress form/mannequin, sets of ruler, measuring tape and calculator, Equipment • Computer, printer, drafting table, industrial iron, ironing table, and cutting table PPE • Apron, face mask, hand sanitizer, gloves, and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning

Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work
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Module Title	Constructing Fashion Garments and Accessories		
Module Code	2163-L4-M2		
Learning Outcome 3	Perform Embellishment		
Duration	Theory: 26 hours	Practical: 71 hours	Total: 97 hours
Assessment Criteria	• Embellishment requirements are interpreted as per the job requirement following standard procedure • Basic dyeing is performed as per the job requirement following standard procedure • Basic hand embroidery is performed as per the job requirement following standard procedure • Basic machine embroidery is performed as per the job requirement following standard procedure • Fabric printing is performed as per the job requirement following standard procedure • Applique on garment is performed as per the job requirement following standard procedure		
Content	B3.01 Interpreting embellishment requirements Knowledge • Definition of embellishment • Brief history on embellishment • Concept on embellishment design • Types of embellishments • Functional and non-functional embellishments • Embellishments techniques • Textile and embellishment materials Skills • Sketching and drawing skills • Critical thinking • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation		

	B3.02 Performing basic dyeing Knowledge • Definition of dyes • Types of dyes • Techniques of dyeing • Concept on chemical handling techniques • Concept on fabric properties • Color theory • Dyes history and cultural references • Temperature and time control • Fabric preparation and aftercare • Measuring and mixing of dyes • Testing and quality control Skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation B3.03 Performing basic hand embroidery Knowledge • Definition of embroidery • History of hand embroidery • Types of embroidery • Concept on hand control and precision • Purpose of hand embroidery • Identification of suitable fabric and thread for embroidery • Finishing techniques of hand embroidery • Differences between national and international embroidery Skills • Hand stitching skills • Design tracing and marking skills • Analytical skills
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	• Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B3.04 Performing basic machine embroidery <i>Knowledge</i> • Concept on machine embroidery • Types of embroidery machine • Methods of embroidery machine operation • Importance of embroidery machine • Types of file format of design in embroidery machine • Fabric preparation and methods of hooping techniques <i>Skills</i> • Embroidery machine operating skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B3.05 Performing fabric printing <i>Knowledge</i> • Definition of fabric printing
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	• Types of fabric printing • Types of printing inks • Methods of design conceptualization and lay out <i>Skills</i> • Fabric printing skills • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation B3.06 Performing applique on garment <i>Knowledge</i> • Definition of applique • History of applique • Importance of applique • Types of appliques and its application • Traditional applique vs modern applique <i>Skills</i> • Analytical skills • Observation skills • Communication skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
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Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and Infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Sketch book, note pad, pen, pencil, color pencil, eraser, Salt, soda ash, vinegar, washing detergent, embroidery threads, fabric, hoop and loop, metallic thread, thread rippers, masking tape, stencils, squeegee, inks, catalogues, applique design piece, fusible tape, thread, needle, textile pin, blocks and fabric glue Tools • Sharpener, glue gun, spoons, needles, bobbins and bobbin cases, tweezers and scissors Software • Embroidery software, adobe illustrator and Photoshop Instrument • Set of rulers, measuring tape and weighing machine Equipment • Computers, printers, local ovens, electric wave induction units, LPG cylinders, stoves, jars, buckets, aluminum pots, irons, sewing machines, overlock machines, embroidery machines, USB drive, printing tables, iron tables and fabric printers PPE • Aprons, face masks, working dress, hand sanitizer and gloves
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning

Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work
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Module Title	Constructing Fashion Garments and Accessories		
Module Code	2163-L4-M2		
Learning Outcome 4	Assemble and sew Garments and Accessories		
Duration	Theory: 121hours	Practical: 427hours	Total: 548hours
Assessment Criteria	• PPE is used as per the job requirement following standard procedure • Stitching is performed as per the job requirement following standard procedure • Women's shirt is made as per the job requirement following standard procedure • Women's skirt is made as per the job requirement following standard procedure • Women's trouser is made as per the job requirement following standard procedure • Women's gown is made as per the job requirement following standard procedure • Women's jacket is made as per the job requirement following standard procedure • Men's shirt is made as per the job requirement following standard procedure • Men's trouser is made as per the job requirement following standard procedure • Men's jacket is made as per the job requirement following standard procedure • Kid's shirt is made as per the job requirement following standard procedure • Kid's jumpsuit is made as per the job requirement following standard procedure • Kid's dress is made as per the job requirement following standard procedure • Bag is made as per the job requirement following standard procedure • Cap is made as per the job requirement following standard procedure • Belt is made as per the job requirement following standard procedure • Tie is made as per the job requirement following standard procedure • Finishing work is performed as per the job requirement following standard procedure		
Content	B4.01 Using PPE Knowledge • Definition of PPE • Importance of PPE • Sustainable awareness on PPE • Inspection and Quality awareness • Operating and safety procedures Skills • Analytical skills		

	• Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation B4.02 Performing stitching <i>Knowledge</i> • Definition of sewing machine • History of sewing machine • Parts and functions of sewing machine • Types of sewing machines • Function of sewing machine tools • Definition of stitching • Types of stitches and their application • Types of threads • Types of seams <i>Skills</i> • Sewing machine operating skills • Hand stitching skills • Communication skills • Observation skills • Organizational skills • Creativity • Analytical skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste
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	• Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.03 Making women's shirt Knowledge • Definition of fabric cutting • Concept on cutting precision and control • Types of cutting machine • Methods of fabric handling and preparation • Definition of fabric grainline • Concept on layout planning • Concept on notch cutting and detailing • Definition of basting • Types of basting • Concept on pattern reading and sorting • Methods of garment structuring • Concept on pressing techniques Skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Ironing skills • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Creativity Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns
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	B4.04 Making women's skirts Knowledge • Classification of skirts • Anatomy of skirt • Concept on pattern reading and sorting • Methods of garment structuring • Methods of fabric preparation and layout • Importance of evaluation and correction of pattern design • Definition of hem • Hemming methods • Types of hems • Waist finishing techniques Skills • Measuring skills • Cutting skills • Hand stitching skills • Sewing machine operating skills • Ironing skills • Creativity • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.05 Making women's trouser Knowledge • Definition of trouser • History of trouser • Classification of trouser • Anatomy of trouser • Methods of fabric preparation and layout • Concept on pattern reading and sorting
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	• Methods of garment structuring Skills • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.06 Making women's gown Knowledge • Definition of gown • Classification of gown • Anatomy of gown • Components of woman's gown • Types of body silhouette • Importance of princess line • Types of princess line • Concept on pattern reading and sorting • Methods of fabric preparation and layout Skills • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Embellishment skills
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	• Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.07 Making women's jacket <i>Knowledge</i> • Types of woman's jacket • Components of woman's jacket • Anatomy of jacket • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of assembling components with bodice parts • Methods of garment structuring <i>Skills</i> • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Analytical skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient
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	• Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.08 Making men's shirt Knowledge • Types of men's shirt • Anatomy of men's shirt • Components of men's shirt • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of garment structuring Skills • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Communication skills • Observation skills • Teamwork skills • Problem-solving skills • Organizational skills • Analytical skills • Critical Thinking Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric patterns
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	B4.09 Making men's trouser Knowledge • Definition of trouser • Historical significance of trouser • Types of men's trouser • Anatomy of men's trouser • Components of men's trouser • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of garment structuring Skills • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Communication skills • Observation skills • Teamwork skills • Problem-solving skills • Organizational skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.10 Making men's jacket Knowledge • Definition of jacket • History on jacket evolution • Types of men's jackets • Classification of men's jacket • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of garment structuring Skills
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	• Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Analytical skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.11 Making kid's shirt <i>Knowledge</i> • Definition of kid's shirt • Concepts on kid's shirt sizes • Types of kid's shirt • Concept on features of kid's shirt • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of garment structuring <i>Skills</i> • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills
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	<i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.12 Making kid's jumpsuit <i>Knowledge</i> • Definition of kid's jumpsuit • Anatomy of kid's jumpsuit • Types of kid's jumpsuit • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of garment structuring <i>Skills</i> • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Analytical skills • Cutting techniques • Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste
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	• Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.13 Making kid's dress Knowledge • Definition of kid's dress • Types of kid's dress • Anatomy of kid's dress • Concept on sizes of kid's dress • Definition of facing and lining • Types of facing and lining • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of garment structuring Skills • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Embellishment skills • Analytical skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.14 Making bag Knowledge • Definition of bag
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	• History of bag evolution • Types of bags • Importance of bag • Anatomy of bag • Components of bag • Types of materials used for making bag • Difference between men's and women's bag • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of bag structuring Skills • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Analytical skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.15 Making cap Knowledge • Definition of cap • History of cap evolution • Anatomy of cap • Types of caps • Components of cap • Function of cap • Methods of fabric preparation and layout • Concept on pattern reading and sorting
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	• Methods of cap structuring <i>Skills</i> • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety, and environmental concern</i> • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.16 Making belt <i>Knowledge</i> • Definition of belt • History of belt evolution • Anatomy of belt • Components of belt • Types of belts • Function of belts • Methods of fabric preparation and layout • Concept on pattern reading and sorting • Methods of belt structuring <i>Skills</i> • Measuring skills • Fabric cutting skills • Hand stitching skills • Sewing machine operating skills • Creativity • Ironing skills • Crafting skills • Communication skills
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	● Observation skills ● Problem-solving skills ● Organizational skills ● Critical thinking <i>Attitude, safety, and environmental concern</i> ● Effective time management ● Being a team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity ● Proper handling of tools, materials, and equipment ● Having a sense of ownership and accountability ● Ensuring correct use of PPE ● Ensuring proper disposal of waste ● Ensuring to follow environmental rules and regulations ● Ensuring to follow OHS rules and regulation ● Ensuring to maintain precision while cutting and assembling fabric Patterns B4.17 Making tie <i>Knowledge</i> ● Definition of tie ● History of tie evolution ● Types of ties ● Structure of tie ● Anatomy of tie ● Components of tie ● Methods of fabric preparation and layout ● Concept on pattern reading and sorting <i>Skills</i> ● Measuring skills ● Fabric cutting skills ● Hand stitching skills ● Sewing machine operating skills ● Creativity ● Ironing skills ● Communication skills ● Observation skills ● Problem-solving skills ● Organizational skills <i>Attitude, safety, and environmental concern</i> ● Effective time management ● Being a team player ● Being efficient in using resources ● Being vigilant and patient ● Having work ethics and integrity
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	• Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation • Ensuring to maintain precision while cutting and assembling fabric Patterns B4.18 Performing finishing works Knowledge • Purpose of finishing works • Types of finishing works • Definition of lint and creases • Techniques for removing lint and thread • Definition of trims • Types of trims • Types of fasteners and its functions • Methods to fold the garment • Importance of tags and its labels • Importance of hand-eye coordination Skills • Hand stitching skills • Sewing machine operating skills • Ironing skills • Communication skills • Observation skills • Organizational skills Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals

	• LMS Learning Facilities and Infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/studio Materials • Cotton fabrics, lining materials, interfacing materials, threads, zippers, buttons, elastic tapes, Velcro, hooks and eyes, laces and decorative trims, buckram, canvas materials, fusible tape, bias tape, tailor's hams and tailors' chalks Tools • Dressmaking scissors, pinking shears, thread cutters, measuring tapes, seam rippers, pattern masters, thimbles, hand sewing needles, loop turners, awls, iron boxes, Set of rulers and pattern notches Equipment • Drafting table, overlock or serger machines, sewing machine, steam presses, industrial ironing tables, dress forms or mannequins, cutting tables, fabric storage racks, computer and printer PPE • Aprons, face masks, working dress, hand sanitizer and gloves
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

MODULE 3: MANAGING APPAREL PRODUCTION PROCESSES

MODULE INFORMATION

Occupation	Fashion and Apparel Designer
Competency Area	Manage Apparel Production Processes
Module Title	Managing Apparel Production Processes
Module Code	2163- L4-M3
Module Description	This module is structured to provide the learners with knowledge, skills and right attitude required to plan production, supervise production and manage quality control
Nominal Duration	134Hours
Qualification Level	Diploma
Pre-requisite	Completed Module 2163-L4-M2
Learning Outcome	1. Plan Production 2. Supervise Production 3. Manage Quality Control

Module Title	Managing Apparel Production Processes		
Module Code	2163-L4-M3		
Learning Outcome 1	Plan Production		
Duration	Theory: 14hours	Practical: 31hours	Total: 45hours
Assessment Criteria	- Plan for garment production process is developed as per the job requirement following standard procedure - Estimation and costing of materials is performed as per the job requirement following standard procedure - Production volume is estimated as per the job requirement following standard procedure - Production process is monitored as per the job requirement following standard procedure - Tech pack is maintained as per the job requirement following standard procedure		
Content	C1.01 Developing plan for garment production process Knowledge - Importance of production plan development - Compliance and sustainability - Process sequencing and analysis - Concept on production flow - Risk analysis - Importance of scheduling - Production and manufacturing terminologies Skills - Analytical skills - Communication skills - Coordination skills - Observation skills - Problem-solving skills - Organizational skills - Creativity Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation		

	C1.02 Perform estimation and costing of materials Knowledge • Importance of estimation and costing • Fabric calculation • Cost analysis • Types of fabric sourcing • Costing terminologies Skills • Numeracy skills • Negotiation skills • Analytical skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C1.03 Estimate production volume Knowledge • Introduction to product volume estimation • Principle of production planning • Importance of sales forecasting • Introduction to inventory and supply chain Skills • Analytical skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Numeracy skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient
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	• Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C1.04 Monitoring production process Knowledge • Principles of lean manufacturing • Definition of Key Performance Indicator (KPIs) • Importance of material management • Techniques of monitoring • Concept on production flow Skills • Observation skills • Analytical skills • Management skills • Communication skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C1.05 Maintaining tech pack Knowledge • Definition of tech pack • Importance of tech pack • Concept on garment construction and design comprehension • Fabric and accessories layout Skills • Fashion rendering skills • Analytical skills • Communication skills • Observation skills
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	• Problem-solving skills • Organizational skills • Illustration skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Log books, A4 size papers, pencils, pens, production checklists, workflow templates, price catalogues, tech packs, reference design sketches, specification sheets, measurement charts, erasers, resource planning sheets and sharpeners Tools • Calculators Software • CAD software Equipment • Computers and printers PPE • Aprons, mask, first aid kits and working dress

Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Managing Apparel Production Processes		
Module Code	2163-L4-M3		
Learning Outcome 2	Supervise Production		
Duration	Theory: 12hours	Practical: 26hours	Total: 38hours
Assessment Criteria	- Daily production activities are overseen as per the job requirement following standard procedure - Inventory management is monitored as per the job requirement following standard procedure - Production efficiencies are monitored as per the job requirement following standard procedure - Production issues are resolved as per the job requirement following standard procedure		
Content	C2.01 Overseeing daily production activities Knowledge - Introduction to daily production supervision - Concept on ensuring compliance with labours laws, environmental standards and industry regulations - Concept on garment manufacturing process - Roles and responsibilities of the supervisors in fashion industry - Concept on production planning and scheduling Skills - Monitoring skills - Decision making skills - Communication skills - Critical thinking - Analytical Skills - Observation skills - Problem-solving skills - Organizational skills Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation C2.02 Monitoring inventory management Knowledge - Introduction to inventory management - Types of inventories in fashion		

	• Importance of inventory management in fashion • Inventory lifecycle in fashion • Concept on trend-based demand • Key aspects of fashion inventory management • Common challenges in fashion stocks Skills • Observation skills • Communication skills • Analytical skills • Critical thinking • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C2.03 Monitoring production efficiencies Knowledge • Introduction to production efficiency • Core principle of Kaizen • Importance of inventory tracking • Four keys of bench marking • Methods of monitoring production efficiency • Factors affecting production efficiency Skills • Observation skills • Analytical skills • Critical thinking • communication skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity
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	• Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C2.04 Resolving production issues Knowledge • Introduction to production issues • Causes and remedies of common production issues • Introduction to 5s • Fashion cycle Skills • Problem-solving skills • Communication skills • Observation skills • Analytical skills • Critical thinking • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/studio

	Materials • Log books, A4 size papers, pens, white boards, markers, files, sticky-notepads, staple pins and tech packs Tools • Staplers and punching machines Equipment • Computers and printers PPE • Working dress and mask
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Managing Apparel Production Processes		
Module Code	2163-L4-M3		
Learning Outcome 3	Manage Quality Control		
Duration	Theory: 16hours	Practical: 35hours	Total: 51hours
Assessment Criteria	- Quality control plan is developed as per the job requirement following standard procedure - In-process production quality is monitored as per the job requirement following standard procedure - Final product inspection is conducted as per the job requirement following standard procedure - Document for quality issues is maintained as per the job requirement following standard procedure		
Content	C3.01 Developing quality control plan Knowledge - Introduction to quality control plan - Quality standards and guidelines - Quality Management Systems (QMS) - Quality Control (QC) Techniques - Components of quality control plan Skills - Analytical Skills - Communication skills - Observation skills - ICT skills - Problem-solving skills - Organizational skills Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation C3.02 Monitoring in-process production quality Knowledge - Introduction to In-Process Quality Control (IPQC) - Types of IPQC - Defect identification and categorization - Techniques for process improvement		

	Skills • Observation skills • Analytical skills • ICT skills • Communication skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C3.03 Conducting final product inspection Knowledge • Introduction to final product inspection • Importance of final product inspection • Basic Testing Methods • Inspection protocol and sampling method • Defect Identification and Categorization • Importance of following regulatory standards • Types of supporting documents used in final inspection of products • Techniques for Root Cause Analysis (RCA) • Types of RCA Skills • Observation skills • Analytical Skills • Communication skills • ICT skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability
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	• Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation C3.04 Maintaining document for quality issues Knowledge • Importance of maintaining documents for quality issues • Types of documents for quality issues Skills • Analytical Skills • Communication skills • Observation skills • ICT skills • Problem-solving skills • Organizational skills • Data management skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Tech packs, pens, log books, white boards, specification sheets, A4 size papers, pencils, erasers, files, standard measurement charts, inspection stamps, markers, clips, staple pins, and sticky notepads

	Tools • Staplers, sharpeners, magnifying glasses, measuring tape, sets of ruler and punching machines Instrument • Weighing scales Equipment • Computers, printers and projectors PPE • Aprons, masks, gloves, hand sanitizer and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

MODULE 4: MANAGING POST PRODUCTION ACTIVITIES

MODULE INFORMATION	
Occupation	Fashion and Apparel Designer
Competency Area	Manage Post Production Activities
Module Title	Managing Post Production Activities
Module Code	2163- L4-M4
Module Description	This module is structured to provide the learners with knowledge, skills and right attitude required to evaluate final product, package final products, and perform dispatching of finished products
Nominal Duration	106Hours
Qualification Level	Diploma
Pre-requisite	Completed Module 2163-L4-M3
Learning Outcome	1. Evaluate Final Products 2. Package Final Products 3. Perform Dispatching of Finished Products

Module Title	Managing Post Production Activities		
Module Code	2163-L4-M4		
Learning Outcome 1	Evaluate Final Products		
Duration	Theory: 11hours	Practical: 21hours	Total: 32hours
Assessment Criteria	- Product specifications are reviewed as per the job requirement following standard procedure - Final product quality is inspected as per the job requirement following standard procedure - Research on final products is conducted as per the job requirement following standard procedure		
Content	D1.01 Reviewing product specifications Knowledge - Importance of product specification - Product design and functionality - Fabric and material identification - Finishing and labeling standards - Quality assessment and documentation Skills - Observation skills - Communication skills - Analytical skills - ICT skills - Problem-solving skills - Organizational skills Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation D1.02 Inspecting final product quality Knowledge - Concept on quality standards - Key aspects of quality control - Branding and compliance - Concept on visual assessment Skills - Observation skills		

	• Coordination skills • Record keeping skill • Decision making skills • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation D1.03 Conducting research on final products <i>Knowledge</i> • Importance of research on final product • Key areas of research • Product analysis • Sustainability and ethical consideration • Market and trend comparison • Concept on innovation and strategic planning <i>Skills</i> • Research skills • Record keeping skills • Decision making skills • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Observant and detail-oriented
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	• Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Feedback forms, product tags, seam quality charts, label guides, pencils, seam inspection guides, size charts, A4 size papers, tech packs, notepads, reference books, staple pins and files Tools • Staplers, calculators and punching machines Instrument • Weighing machine Equipment • Computers and printers PPE • Aprons, masks, gloves, hand sanitizer and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Managing Post Production Activities		
Module Code	2163-L4-M4		
Learning Outcome 2	Package Final Products		
Duration	Theory: 9hours	Practical: 26hours	Total: 35hours
Assessment Criteria	• Packaging materials are prepared as per the job requirement following standard procedure • Branding and labels are applied as per the job requirement following standard procedure • Final products are packed as per the job requirement following standard procedure		
Content	D2.01 Preparing packaging materials Knowledge • Introduction to product packaging • Importance of packaging • Concept on sustainable packaging • Types of packaging materials • Key aspect of packing final products • Characteristics of product • Documentation for packaging details • Concept on inspection and pre-checking processes for packaging materials Skills • Coordination skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Analytical skills • Critical thinking Attitude, safety, and environmental concern • Effective time management • Being a team player • Being efficient in using resources • Being vigilant and patient • Having a work ethic and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulations D2.02 Applying branding and labels Knowledge • Definition of branding • Types of branding		

	• Definition of labels • Types of labels • Types of branding materials • Importance of applying branding and labels • Label placement and compliance standards • Types of garment and suitable branding methods • Documentation and traceability for labelling • Methods of inspection and pre-checking processes for branding and labelling Skills • Creativity • Coordination skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Critical thinking • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation D2.03 Packing final products Knowledge • Types of packaging • Methods of packaging • Packing standards • Importance of handling instructions Skills • Coordination skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Analytical skills • Critical thinking Attitude, safety and environmental concern • Effective time management
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	• Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/Studio Materials • Polybags, hangers, cardboard boxes, tags and labels, plastic wrap, bubble wrap, printed and woven labels, leather patches, care and size labels, pencils, pens, A4 size paper, markers, clips, erasers, cello tape, glue, staple pins and thread Tools • Glue guns, scissors, tagging guns, tape dispensers, staplers, measuring tape, sets of rulers and sharpeners Instrument • Weighing scales Equipment • Computers, printers, heat sealers, shrink wrap machines, label printers, sewing machines and heat press machines PPE • Aprons, masks, gloves, hand sanitizer, first Aid kits and working dress

Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Managing Post Production Activities		
Module Code	2163-L4-M4		
Learning Outcome 3	Perform Dispatching of Finished Products		
Duration	Theory: 12hours	Practical: 27hours	Total: 39 hours
Assessment Criteria	- Finished products for dispatch is verified as per the job requirement following standard procedure - Dispatch documents are prepared as per the job requirement following standard procedure - Logistics and transportation are organized as per the job requirement following standard procedure		
Content	D3.01 Verifying finished products for dispatch Knowledge - Definition of dispatch - Types of dispatch - Importance of product verification - Order handling methods - Process of dispatching finished products - Importance of quality inspection Skills - Observation skills - ICT skills - Analytical Skills - Communication skills - Problem-solving skills - Organizational skills Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation D3.02 Preparing dispatch documents Knowledge - Introduction to commercial documents for dispatch - Types of dispatch documents - Definition of invoice - Importance of dispatching - Importance of confirming logistics and compliance		

	Skills • Record keeping skills • ICT skills • Analytical skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Observant and detail-oriented • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation D3.03 Organizing logistics and transportation Knowledge • Definition of logistics • Importance of logistics • Modes of transportation • Concept on transportation management • Importance of communication and coordination • Concept on order tracking • Identification of common logistic risks • Difference between domestic and international logistics Skills • Communication skills • Negotiation skills • Management skills • Documentation skills • Analytical Skills • ICT skills • Observation skills • Problem-solving skills • Organizational skills • Creativity Attitude, safety and environmental concern • Effective time management • Being team player
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	• Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Observant and detail-oriented • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop Materials • Dispatch documents, tech packs, logbooks, size charts, envelopes, paper, poly mailers, cardboard boxes, foam sheets, bubble wrap, packing tapes, pens, staple pins, markers, pencils, cello tape, glue and hangers Tools • Glue guns, staplers, rotary cutter, sets of ruler and calculator Instrument • Weighing scales Equipment • Computers, printers, dispatch stamps and projectors PPE • Aprons, masks, gloves, hand sanitizer, first Aid kits and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning

	• Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

MODULE 5: CARRYING OUT MARKETING AND MERCHANDIZING OF FASHION PRODUCTS

MODULE INFORMATION	
Occupation	Fashion and Apparel Designer
Competency Area	Carry out Marketing and Merchandizing of Fashion Products
Module Title	Carrying out Marketing and Merchandizing of Fashion Products
Module Code	2163- L4-M5
Module Description	This module is structured to provide the learners with knowledge, skills and right attitude required to analyze target market, perform merchandizing of the products, plan for marketing strategies and implement marketing strategies
Nominal Duration	132Hours
Qualification Level	Diploma
Pre-requisite	Completed Module 2163-L4-M4
Learning Outcome	1. Analyze Target Market 2. Perform Merchandizing of the Products 3. Plan for Marketing Strategies 4. Implement Marketing Strategies

Module Title	Carrying out Marketing and Merchandizing of Fashion Products		
Module Code	2163-L4-M5		
Learning Outcome 1	Analyze Target Market		
Duration	Theory: 12hours	Practical: 16hours	Total: 28hours
Assessment Criteria	- Market research is conducted as per the job requirement following standard procedure - Market is segmented as per the job requirement following standard procedure - Sales channels are evaluated as per the job requirement following standard procedure - Competitive positioning is assessed as per the job requirement following standard procedure		
Content	E1.01 Conducting market research Knowledge - Definition of market research - Types of market research - Sources of market information - Concept on fashion trend and customer behaviour - Importance of fashion market research - Concept on the purpose of studying demographics and psychographics Skills - Communication skill - Research skills - ICT skills - Analytical skills - Critical thinking - Observation skills - Problem-solving skills - Organizational skills - Creativity Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Observant and detail-oriented - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation		

	E1.02 Segmenting market Knowledge • Definition of market segment • Types of market segmentation • Importance of market segment in fashion • Concept on target audience • Basic introduction to data analysis and interpretation • Advantages and disadvantages of market segmentation Skills • Communication skills • Analytical skills • Critical thinking • Observation skills • Problem-solving skills • Organizational skills • ICT skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Observant and detail-oriented • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation E1.03 Evaluating sales channels Knowledge • Definition of sales channel • Importance of evaluating sales channel in fashion • Types of sales channels • Concept on operational metric • Definition of e-commerce • Types of market places Skills • Communication skills • Analytical skills • Critical thinking • Observation skills • Problem-solving skills • Organizational skills • ICT skills
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	<i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation E1.04 Assessing competitive positioning <i>Knowledge</i> • Definition of competitive positioning • SWOT analysis in fashion industry • Benefits of competitive positioning • Concept on pricing and value perception • Variation of consumer and cultural influences • Introduction to brand strategy and positioning theory <i>Skills</i> • ICT skills • Communication skills • Analytical skills • Critical thinking • Observation skills • Problem-solving skills • Organizational skills • Creativity <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs

	• Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/studio Materials • A4 size paper, reference materials, pencils, files, marker pens, whiteboards, journal books, pens, books, notepads, fashion magazines, staple pins and trend boards Tools • Staplers, set of rulers and punching machine Equipment • Computers and printers PPE • Aprons, masks, gloves, hand sanitizer and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Carrying out Marketing and Merchandizing of Fashion Products		
Module Code	2163-L4-M5		
Learning Outcome 2	Perform merchandizing of the products		
Duration	Theory: 12hours	Practical: 20hours	Total: 32hours
Assessment Criteria	- Research on fashion trends is conducted as per the job requirement following standard procedure - Merchandizing strategy is planned as per the job requirement following standard procedure - Visual merchandizing layout is designed as per the job requirement following standard procedure - Inventorying is managed as per the job requirement following standard procedure		
Content	E2.01 Conducting research on fashion trends <i>Knowledge</i> - Introduction to research on fashion trends - Principles of fashion forecasting - Introduction to textile and fabric innovation - Key influencers in fashion - Effects of trends in fashion industry - Concept on macro and micro trends - Concept on global and cultural influences <i>Skills</i> - Critical thinking skills - Research skills - Analytical Skills - ICT skills - Communication skills - Observation skills - Problem-solving skills - Organizational skills - Presentation skills <i>Attitude, safety and environmental concern</i> - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring correct use of PPE - Ensuring proper disposal of waste - Ensuring to follow environmental rules and regulations - Ensuring to follow OHS rules and regulation		

	E2.02 Planning merchandizing strategy Knowledge • Definition of merchandizing in fashion • Importance of merchandizing • Types of merchandizing in fashion • key aspects of fashion merchandizing • Roles and responsibilities of merchandizers • Importance of promotional merchandizing Skills • Planning skill • Critical thinking • Analytical Skills • Communication skills • Observation skills • Problem-solving skills • Organizational skills • Creativity Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Observant and detail-oriented • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation E2.03 Designing visual merchandizing layout Knowledge • Introduction to visual merchandizing • Importance visual merchandizing • Principles of visual merchandizing • Types of visual merchandizing • Types of layouts in visual merchandizing and their purpose Skills • Designing skill • Documentation skills • Analytical Skills • Communication skills • Observation skills • ICT skills • Problem-solving skills
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	• Organizational skills • Creativity <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation E2.04 Managing inventory <i>Knowledge</i> • Definition of inventory • Types of inventories in fashion • Purpose of inventory • Key aspects of inventory management • Fashion buying cycles and seasonality • Concept on data analysis and reporting • Introduction to inventory management software <i>Skills</i> • Documentation skills • Analytical Skills • Communication skills • Observation skills • ICT skills • Problem-solving skills • Organizational skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring correct use of PPE • Ensuring proper disposal of waste • Ensuring to follow environmental rules and regulations • Ensuring to follow OHS rules and regulation
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Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/studio Materials • Pencils, pens, erasers, sharpeners, A4 size paper, notepads, notebooks, sketchbooks, files, marker, magazines, trend catalogues, tech packs, costing sheets, brand tags, care labels, fabric swatches, Pantone books, seasonal calendars, look books, hangers, product catalogues, brand guidelines, swatch catalogues, inventory books and feedback forms Tools • Mannequins, display racks, measuring tape, sets of ruler and white board Equipment • Computers, printers, scanners and projectors PPE • Aprons, Face masks, gloves, hand sanitizer and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Carrying out Marketing and Merchandizing of Fashion Products		
Module Code	2163-L4-M5		
Learning Outcome 3	Plan for Marketing Strategies		
Duration	Theory: 18hours	Practical: 26hours	Total: 44hours
Assessment Criteria	- Comprehensive marketing strategy is developed as per the job requirement following standard procedure - Marketing budget is planned as per the job requirement following standard procedure - Key performance indicators (KPIs) are developed as per the job requirement following standard procedure - Brand to business (b2b) is conducted as per the job requirement following standard procedure		
Content	E3.01 Developing comprehensive marketing strategy Knowledge - Definition of marketing - Importance of marketing strategy - Types of manual and digital marketing - Branding principles and value proposition creation - Concept on marketing channels Skills - Planning skills - ICT skills - Communication skills - Analytical skills - Problem-solving skills - Organizational skills - Negotiation skills Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Ensuring proper disposal of waste - Ensuring to follow OHS rules and regulation E3.02 Planning marketing budget Knowledge - Importance of planning marketing budget - Marketing costs and budget forecasting - Types of marketing channels and their cost structures - Principles and cost optimization techniques - Sales forecasts and revenue projections		

	• Process of budget documentation and financial reporting Skills • Planning skills • ICT skills • Analytical skills • Communication skills • Problem-solving skills • Organizational skills • Negotiation skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation E3.03 Developing Key Performance Indicators (KPIs) Knowledge • Introduction to marketing KPIs, sales KPIs, customer KPIs and operational KPIs • Importance of KPIs • Concept on benchmark setting and performance measurement • Importance of business objectives and goals • Concept on critical Success Factors (CSFs) Skills • Planning skills • ICT skills • Analytical skills • Critical thinking • Communication skills • Problem-solving skills • Organizational skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
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	E3.04 Conducting Brand to Business (B2B) Knowledge • Introduction to B2B • Importance of B2B in fashion • Brand strategy and market positioning • Business objectives and their alignment with branding • Concept on pricing structure and wholesale margin • Branding guidelines and consistency principles • Legal aspects of branding Skills • Negotiation skills • Brand management skills • Communication skills • ICT skills • Organizational skills • Analytical thinking • Problem-solving skills • Creative thinking • Coordination skills Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs • Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/studio Materials • Pencil, pen, A4 size paper, markers, eraser, sharpener, file, notepad, brand guidelines, marketing calendar, competitor reports, market research data, cost

	estimation sheets, charts, graph templates, business goal documents, staple pins and market research reports Tools • Scissors, calculator and staplers Equipment • Printer and computer PPE • Apron, mask, gloves and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

Module Title	Carrying out Marketing and Merchandizing of Fashion Products		
Module Code	2163-L4-M5		
Learning Outcome 4	Implement Marketing Strategies		
Duration	Theory: 54hours	Practical: 78hours	Total: 132hours
Assessment Criteria	- Marketing campaigns are executed as per the job requirement following standard procedure - Marketing contents are distributed as per the job requirement following standard procedure - Product launches are coordinated as per the job requirement following standard procedure - Customer engagement is managed as per the job requirement following standard procedure		
Content	E4.01 Executing marketing campaigns Knowledge - Definition of marketing campaigns - Types of campaigns - Concept on legal and ethical standards in advertising - Concept on sustainable campaigns - Strategies for fashion campaigns - Advantages and disadvantages of conducting campaigns Skills - Brand story telling skills - Planning skills - Negotiation skills - Coordination skills - Communication skills - Analytical skills - Critical thinking - Observation skills - ICT skills - Problem-solving skills - Organizational skills - Creativity Attitude, safety and environmental concern - Effective time management - Being team player - Being efficient in using resources - Being vigilant and patient - Having work ethics and integrity - Proper handling of tools, materials, and equipment - Having a sense of ownership and accountability - Observant and detail-oriented - Ensuring correct use of PPE - Ensuring proper disposal of waste		

	• Ensuring to follow OHS rules and regulation E4.02 Distributing marketing contents Knowledge • Definition of marketing contents • Importance of distributing marketing contents • Types of contents for distribution • Types of content distribution channels • Concept on owned media, paid media and earned media • Content distribution strategy framework • Trends in content distribution Skills • Media handling skills • Marketing skills • Communication skills • ICT skills • Critical thinking skills • Analytical skills • Observation skills • Problem-solving skills • Organizational skills • Creativity Attitude, safety and environmental concern • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Observant and detail-oriented • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation E4.03 Coordinating product launches Knowledge • Definition of product launch • Importance of coordinating product launch • Concept on comprehensive launch plan • Product lifecycle and launch strategy • Importances of post product launch activities Skills • Communication skills • Story telling skills • Marketing skills • Negotiation skills
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	• Observation skills • ICT skills • Problem-solving skills • Organizational skills • Analytical Thinking • Critical thinking skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation E4.04 Managing customer engagement <i>Knowledge</i> • Definition of customer • Importance of managing customer engagement • Introduction to digital marketing tools and customer Relationship Management (CRM) activities • Differences between customer and consumers <i>Skills</i> • Interpersonal skills • Communication skills • Analytical Skills • Observation skills • ICT skills • Problem-solving skills • Organizational skills <i>Attitude, safety and environmental concern</i> • Effective time management • Being team player • Being efficient in using resources • Being vigilant and patient • Having work ethics and integrity • Proper handling of tools, materials, and equipment • Having a sense of ownership and accountability • Ensuring proper disposal of waste • Ensuring to follow OHS rules and regulation
Learning Conditions	Learning Materials • CBLM • Hand-outs

	• Audio Visuals • Reference books • Manuals • LMS Learning Facilities and infrastructure • Classroom with adequate facilities • Information Technology (IT) lab • Library • Workshop/studio Materials • Pencil, pen, A4 size paper, notebook, notepad, eraser, marker, file, logbook, journal book, feedback form, tech pack, brochures, posters, print ads, business cards, product cards, gift cards, VIP cards, flyers, content calendar, marketing calendar, promotional box, giveaway box, postcard, coupon, invitation card, business goal documents, reference materials, cello tape, glue, staple pins and thread/rope Tools • Stapler, sharpener, punching machine and glue gun Software • CRM software Equipment • Computer, printer and projector PPE • Apron, mask, gloves, hand sanitizer and working dress
Instructional Methodologies	The trainer shall use <i>inter alia</i>, the following instructional methods: • Lecture • Interactive discussion • Demonstration • Industrial visit/training • Guided practice • Group practice with project-based learning • Individual practice with problem-based learning
Method of Assessment	The trainer shall use <i>inter alia</i>, the following assessment methods: • Practical observation • Oral/viva-voce • Written test • Assignment • Project work

ANNEXURE

Annex I: Time Distribution

Fashion and Apparel Designing [Diploma]					
Module Title	Learning outcomes	Tasks	Theory (Hours)	Practical (Hours)	Total (Hours)
A: Developing Fashion Design Concepts	A1: Determine Client's Requirement	A1.00 Introductory knowledge	2	0	2
		A1.01 Conduct clients' consultation	2	3	5
		A1.02 Analyze clients' briefs and references	2	3	5
		A1.03 Assess clients' life style and brand identity	2	3	5
		A1.04 Maintain technical documents of clients	2	5	7
	Sub Total		10	14	24
	A2: Perform Research on Fashion Trends and Theme	A2.01 Identify fashion trends	3	4	7
		A2.02 Explore fashion trends sources	3	4	7
		A2.03 Analyze historical and cultural influences	3	6	9
		A2.04 Conduct research on theme	6	6	12
		A2.05 Synthesize findings of fashion trends and theme	3	9	12
	Sub Total		18	29	47
	A3: Produce Designs Manually and Digitally	A3.01 Create concept for design	12	5	17
		A3.02 Create fashion illustration manually	6	18	24
		A3.03 Develop fashion illustration digitally	6	24	30
		A3.04 Develop research board manually	5	12	17
		A3.05 Develop research board digitally	6	12	18
		A3.06 Create specification sheet manually	4	12	16
		A3.07 Create specification sheet digitally	4	12	16
		A3.08 Create cost sheet	4	6	10
		A3.09 Present designs for feedback	5	6	11
	Sub Total		52	107	159
	Total Duration (A)		80	150	230
B: Constructing Fashion Garemnts and Accessories	B1: Source Raw Materials for Garments and Accessories	B1.01 Determine materials suitability	2	3	5
		B1.02 Identify authentic suppliers	3	3	6
		B1.03 Analyse cost, quantity and availability	3	5	8
		B1.04 Maintain documents of sourcing raw materials	2	3	5
	Sub Total		10	14	24
	B2: Perform Pattern Making	B2.01 Perform body measurement	2	3	5
		B2.02 Draft basic blocks and patterns for women's shirt	5	6	11
		B2.03 Draft basic blocks and patterns for women's skirt	5	6	11

		B2.04 Draft basic blocks and patterns for women's trouser	5	6	11
		B2.05 Draft basic blocks and patterns for women's gown	5	10	15
		B2.06 Draft basic blocks and patterns for women's jacket	5	10	15
		B2.07 Draft basic blocks and patterns for men's shirt	5	8	13
		B2.08 Draft basic blocks and patterns for men's trouser	5	8	13
		B2.09 Draft basic blocks and patterns for men's jacket	5	8	13
		B2.10 Draft basic blocks and patterns for kids' shirt	5	8	13
		B2.11 Draft basic blocks and patterns for kids' jumpsuits	3	6	9
		B2.12 Draft basic blocks and patterns for kids' dress	3	6	9
		B2.13 Draft pattern for bag	3	5	8
		B2.14 Draft pattern for cap	3	6	9
		B2.15 Draft pattern for belt	2	4	6
		B2.16 Perform drapping	7	18	25
		B2.17 Test pattern for fit	5	8	13
	Sub Total		73	126	199
	B3: Perform Embellishment	B3.01 Interpret embellishment requirements	3	5	8
		B3.02 Perform basic dyeing	6	12	18
		B3.03 Perform basic hand embroidery	6	18	24
		B3.04 Perform basic machine embroidery	4	12	16
		B3.05 Perform fabric printing	4	12	16
		B3.06 Perform applique on garment	3	12	15
	Sub Total		26	71	97
	B4: Assemble and sew Garments and Accessories	B4.01 Use PPE	1	3	4
		B4.02 Perform stitching	20	70	90
		B4.03 Make women's shirt	6	18	24
		B4.04 Make women's skirts	6	18	24
		B4.05 Make women's trouser	6	18	24
		B4.06 Make women's gown	6	42	48
		B4.07 Make women's jacket	6	42	48
		B4.08 Make men's shirt	6	18	24
		B4.09 Make men's trouser	6	18	24
		B4.10 Make men's jacket	6	42	48
		B4.11 Make kid's shirt	6	18	24
		B4.12 Make kid's jumpsuit	6	18	24
		B4.13 Make kid's dress	6	30	36
		B4.14 Make bag	6	12	18
		B4.15 Make cap	6	12	18
		B4.16 Make belt	6	9	15
		B4.17 Make tie	6	9	15

		B4.18 Perform finishing works	10	30	40
	Sub Total		121	427	548
	Total Duration (B)		230	638	868
C: Managing Apparel Production Processes	C1: Plan Production	C1.01 Develop plan for garment production process	2	5	7
		C1.02 Perform estimation and costing of materials	6	12	18
		C1.03 Estimate production volume	2	4	6
		C1.04 Monitor production process	2	5	7
		C1.05 Maintain tech pack	2	5	7
	Sub Total		14	31	45
	C2: Supervise Production	C2.01 Oversee daily production activities	3	7	10
		C2.02 Monitor inventory management	3	6	9
		C2.03 Monitor Production efficiencies	3	7	10
		C2.04 Resolve production issues	3	6	9
	Sub Total		12	26	38
	C3: Manage Quality Control	C3.01 Develop quality control plan	4	10	14
		C3.02 Monitor in-process production quality	4	10	14
		C3.03 Conduct final product inspection	4	8	12
		C3.04 Maintain document for quality issues	4	7	11
	Sub Total		16	35	51
	Total Duration (C)		42	92	134
D: Managing Post Production Activities	D1: Evaluate Final Products	D1.01 Review product specifications	3	6	9
		D1.02 Inspect final product quality	2	5	7
		D1.03 Conduct research on final products	6	10	16
	Sub Total		11	21	32
	D2: Package Final Products	D2.01 Prepare packaging materials	3	8	11
		D2.02 Apply branding and labels	3	8	11
		D2.03 Pack final products	3	10	13
	Sub Total		9	26	35
	D3: Perform Dispatching of Finished Products	D3.01 Verify finished products for dispatch	6	12	18
		D3.02 Prepare dispatch documents	4	10	14
		D3.03 Organize logistics and transportation	2	5	7
	Sub Total		12	27	39
	Total Duration (D)		32	74	106
E: Carrying out Marketing and Merchandizing of Fashion Products	E1: Analyze Target Market	E1.01 Conduct market research	3	4	7
		E1.02 Segment market	3	4	7
		E1.03 Evaluate sales channels	3	4	7
		E1.04 Assess competitive positioning	3	4	7
	Sub Total		12	16	28
	E2: Perform Merchandizing of the Products	E2.01 Conduct research on fashion trends	3	5	8
		E2.02 Plan merchandizing strategy	3	5	8

		E2.03 Design visual merchandizing layout	3	5	8
		E2.04 Manage inventorying	3	5	8
	Sub Total		12	20	32
	E3: Plan for Marketing Strategies	E3.01 Develop comprehensive marketing strategy	4	6	10
		E3.02 Plan marketing budget	4	6	10
		E3.03 Develop Key Performance Indicators (KPIs)	4	6	10
		E3.04 Conduct Brand to Business (B2B)	6	8	14
	Sub Total		18	26	44
	E4: Implement Marketing Strategies	E4.01 Execute marketing campaigns	3	4	7
		E4.02 Distribute marketing contents	3	4	7
		E4.03 Coordinate product launches	3	4	7
		E4.04 Manage customer engagement	3	4	7
	Sub Total		12	16	28
	Total Duration (E)		54	78	132
	Total Duration		438	1032	1470

Annex II: Assessment Sample

Unit of competency	
Unit Code	
Module Title	
Module Code	
Time Duration	45 min *
Problem or Project: Drive Light Vehicle	
Introduction: Perform pre-operating procedures before starting the vehicle. Drive light vehicle under different environment conditions following standard traffic rules and defensive driving techniques. Perform post operating procedures after parking the vehicle.	
Observation: (How will you be assessed as Competent?) Your performance will be assessed based on the following criteria: • Performance of pre and post operating procedures as per standard practices; • Application of standard procedures while starting the LMV; • Demonstrating the driving skills in different road condition using the system of vehicle control (SOVC); • Demonstrating your adherence to RSTA Rules, Defensive Driving; • The final outcome of your driving skills	
Note: For Assessor/Institute for preparation for assessment. Materials and Equipment for 1 candidate • LMV in good running condition with all necessary vehicle documents Roles and responsibilities of assessors (before/during and after assessment) • Identify in advance the different road environment (rough road, town, simulated night and poor light condition, highway) • During assessment let the candidate demonstrate moving off, reversing, overtaking, and parking.	

Assessor/ Observation Check List

Unit of competency	Drive Light Vehicle		
Unit Code	8322-U4-L2		
Module Title	Driving Light Vehicle		
Module Code	8322-U4-L2-M1		
Problem/Project: Drive Light Vehicle	Psychomotor (Practical) domain level: P2		
Candidate's Name:			
Place of Assessment:		Date of Assessment:	
A. During the demonstration of skills did the candidate do following:	Marks allocated	Marks received	Remarks
1. Check mirror settings, fluid level, tire pressure and required documents.	4		
2. Start LMV according to the procedure of standard starting procedure (Cockpit Drill)	2		
3. Move off and steer LMV wearing seat belts and without stalling the engine*	3		
4. Reverse LMV safely without stalling the engine*	3		
5. Park LMV safely in the centre of given parking area following standard parking procedure	2		
6. Drive LMV on the highway according to the road conditions following the road safety signs.	2		
7. Drive LMV in towns according to the traffic signs and signals.	2		
8. Drive LMV on 4WD safely (if necessary and available)	1		
9. Giving pass and overtake the vehicle safely according to the road and weather condition *	3		
10. Stop LMV safely in a given area according to standard stopping procedure	1		
B. Is the job outcome correct in the following areas?			
Caused no accidents and damages to the vehicle.*	5		
Total marks obtained	28		
The Candidate's performance	Satisfactory:		
	Not Satisfactory:		

Note: The questions marked with * are the critical questions which the trainees must be able to answer. Otherwise, they will be rated unsuccessful even if they perform well in the practical exam. The mark P is for the psychomotor domain level (P1- Simple Routine Assignment; P2- Questions related to Simple Routine Assignment and P3- Questions not related to Simple Routine Assignment)

Oral Questions checklist:

Unit of competency		Drive Light Vehicle		
Unit Code		8322-U4-L2		
Module Title		Driving Light Vehicle		
Module Code		8322-U4-L2-M1		
Problem/Project: Drive Light Vehicle				
Candidate's Name:				
Place of Assessment:		Date of Assessment:		
Questions (and its domain level) to be answered by the trainee / candidate:	Key Answer	Marks allocated	Marks obtained	Remarks
Why do you keep the vehicle in start mode for a few minutes before moving? (Verifying observations) (C1)				
In case of accidents who will you contact first? (contingency questions) (C2)				
While entering intersection, before how many seconds do you have to give signal? (verifying observations) (C3)				
Total Marks Obtained				
The candidate's performance was:		Satisfactory:		
		Not Satisfactory:		
Assessor's Name:		Signature:		

Note: The questions marked with C describes the cognitive level of the questions. C1- Remembering; C2- Functional Understanding and C3- Problem Solving.

Written questions checklist:

Unit of competency		Drive Light Vehicle		
Unit Code		8322-U4-L2		
Module Title		Driving Light Vehicle		
Module Code		8322-U4-L2-M1		
Problem/Project: Drive Light Vehicle				
Candidate's Name:				
Place of Assessment:		Date of Assessment:		
Questions (and its domain level) to be answered by the trainee/ candidate:	Key Answer	Marks Allocated	Marks Obtained	
1. List down three types of parking. (Short Answer Question) (C1)	Angle, Straight and	1		

	Parallel Parking		
2. All of the following are honking prohibited places EXCEPT: (C2) a. pedestrian crossing c. traffic jam b. public procession d. curves and bends (Multiple Choice Question)	D	2	
3. According to RSTA Regulations how much is the penalty for drunk driving? (C1)	Nu. 1750	1	
4. Match the following signs in column A with the indications in column B. (Matching Type) (C2) Column A 1.  2.  3.  Column B a. Give way b. Restriction End c. Compulsory Ahead d. Pedestrian Prohibited	1-c, 2-a, 3-d	3	
Total marks obtained			
The Candidate's performance was:	Satisfactory:		
	Not Satisfactory:		
Assessor's Name:		Signature:	
The Candidate's overall result:	Competent:		
	Not Yet Competent:		
Feedback to Candidate:			
(Provide feedback to the candidate on how they could improve – especially if they are not competent)			
I am satisfied with the way assessment was conducted: (Please include reasons if not satisfied)		YES	NO
Candidate Name:			
Signature:			
Date:			

Assessor Name:

Signature:

Training Provider:

Date:

Annex III: Module Recognition

This is to verify that

Mr/Ms.....

has completed module on

.....

Covering following learning outcomes:

1.
2.
3.

Instructor:

Head of the Department:

.....

.....

Signature:

Signature:

Date: / / (dd/mm/yyyy)
.....(dd/mm/yyyy)

Date: / /

Head of the Institute:

Trained Assessor (Institute)/Exam OC:

.....

.....

Signature:

Signature:

Date: / .. / (dd/mm/yyyy)

Date: / /(dd/mm/yyyy)

Annex IV: Lesson Plan

Lesson Plan

Course Title:				NC Level:
Module Code:				Duration:
Module Title:				
Learning Outcome:				
Skill/Task/Topic:				
Terminal Performance Objective: <i>(Note: Write narrative statement extracted from TPO of Task Sheet)</i>				
Enabling Objectives (Related knowledge): <i>By the end of the lesson learners will be able to:</i> - i) - ii) - iii)				
What (Content/Activity)	Who (T/L)	How (Methods/ Media)	Duration (Min.)	Questions
<i>Introduction:</i> <i>Main body</i> <i>Conclusion</i>				
Projects/Problems: 				

Instructional Resources Plan				
Skills/Task/Topic:				
No. of Trainees:				
Sl. No.:	Instructional materials/resources	Specifications	Qty.	Remarks
Prepared by :		Signature	Date:	
Revised by:		Signature	Date:	
Approved by:		Signature	Date:	

Task sheet

TS-1/4: Practical Plan			
Course Title:		N C Level:	
Module code:		Duration:	
Module Title			
Learning outcome			
Skills/Task Title:		Task no:	
Terminal Performance Objective: <i>Given:</i> <i>Cue:</i> <i>Who:</i> <i>What:</i> <i>Within:</i> <i>How well:</i> - - -			
Enabling Objectives (Related Skills): <i>By the end of a lesson, the learners will be able to:</i> i) ii) iii) iv)			
Activities	Who (T/L)	How (methods/ media)	Duration
Project/Assignment: 			

TS-2/4: Tool and Equipment required:							
<i>Sl no.</i>	<i>Particulars</i>	<i>Specifications</i>	<i>Qty.</i>	<i>Remarks</i>			
Training Materials required:							
<i>Sl no.</i>	<i>Particulars</i>	<i>Specifications</i>	<i>Qty.</i>	<i>Rate</i>	<i>Amount</i>	<i>Remarks</i>	
TS-3/4: Performance Guide							
Skill/Task:					Date:		
Directions: Use the following performances criteria to rate the learner. Check YES/NO to indicate whether the learner performed each step as indicated or not?							
Sl. No:	Steps					Yes	No
Note: Critical steps: All * marked steps should be carried out very carefully. For a quality performance guide, all items should be checked "YES"							

TS-4/4: Instruction and Drawing***General Instructions for Trainees***

- i)
- ii)
- iii)
- iv)

Drawing (if any)**Safety Precaution**

- i)
- ii)
- iii)

Prepared by:**Signature****Date:****Revised By:****Signature****Date:****Approved by:****Signature****Date:**

Annex V: Course Plan
Institutes letter head and Logo

(Trade)YEAR PLAN- _____ Semester_____ (Year)

Trade: NC Level:			Schedule																																																Total Hours						
Module Code	Module Title	Learning Outcome	Feb.				March				April				May				June				July				Aug.				Sept				Oct.				Nov.																		
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4																			
OJT																																																									
Assessment and Certification																																																									

Prepared by:

Verified & Approved by:

Date:

Monthly/Weekly Plan

Month:

Trade:

Trainer:

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 01							
Week 02							
Week 03							
Week 04							
Week 05							

Developed by:

Approved by:

Date



For more information please contact:

Technical Trainers Training and Resource Center (TTTRC), DWPSD

Official email: tttrd@moesd.gov.bt