



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD4015B Create pattern from block to meet customer specifications

Revision Number: 1

LMTFD4015B Create pattern from block to meet customer specifications

Modification History

Not applicable.

Unit Descriptor

Unit descriptor	This unit covers the skills and knowledge to create a pattern from a block to meet design and fit specifications of the customer
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Application of the Unit

Application of the Unit	The unit applies to the development of a pattern from an existing block for an individual size and to meet the styling requirements of the customer. Work may be conducted in small to large scale enterprises and may involve individual and team-related activities. The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include: • requirements prescribed by legislation, awards agreements and conditions of employment • standard operating procedures • work instructions • oral, written and visual communication • quality practices, including responsibility for maintenance of own work quality and contribution to quality improvement of team or section output • housekeeping • tasks related to environmental protection, waste disposal, pollution control, and recycling This unit requires the application of skills associated with communication, problem solving and planning and organising to interpret design specifications, select procedures and tools and create a pattern. Communication and numeracy skills are used to interpret designs and develop and document pattern specifications. Self management skills are used to test the pattern and ensure conformance to quality standards.
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Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites	LMTCL3009B LMTFD4010B
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Employability Skills Information

Employability Skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Prepare workstation	1.1 Workstation and seating are set up according to OHS practices and specifications for work. 1.2 Pattern-making tools and equipment are selected and prepared. 1.3 Any additional materials and equipment required to perform task are collected. 1.4 Pattern-making tools, equipment and supplies are laid out according to OHS practices for efficient and safe operation.
2 Interpret the design	2.1 Design drawings and specifications are interpreted and clarified. 2.2 Design lines and style features are identified. 2.3 Fabric characteristics and performance, and trims and finishings are considered in relation to the design and customer requirements. 2.4 Ease allowance is determined. 2.5 Any special construction methods or trim details of garment are considered in relation to the design.
3 Select block	3.1 Client is measured. 3.2 Pattern production is planned according to quality standards and workplace procedures. 3.3 Appropriate block is selected and size adjustments made.
4 Create pattern	4.1 Design lines are proportioned on dress form. 4.2 Pattern-making principles are applied in developing pattern. 4.3 Methods and formulas used are documented. 4.4 Pattern is produced from existing block to customer design and fit. 4.5 Pattern pieces are checked for accuracy of seam allowances, seam match, hems and functional openings. 4.6 Pattern pieces are labelled and markings completed.
5 Test and finalise pattern	5.1 Toile or garment segments are tested for proportioning and fit. 5.2 Fitting is performed to ensure that prototype meets with customer satisfaction. 5.3 Any pattern alterations are completed and assessed to meet fit and design requirements. 5.4 Pattern is finalised and checked to ensure accuracy, completeness and compliance to design specifications. 5.5 Final patterns are directed to next production process.
6 Complete work	6.1 Pattern specification sheet is completed and attached to patterns for storage.

ELEMENT	PERFORMANCE CRITERIA
	6.2 Finished patterns are filed.

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Demonstrates knowledge of:

- principles and concepts of patternmaking
- customer and workplace fit requirements
- cost efficiency in relation to patternmaking
- typical garment fabrics, including weight and other characteristics
- marker making procedures
- cutting and garment construction
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- consistently achieve quality and production output requirements
- undertake a range of activities associated with creating patterns
- develop patterns with consideration to the characteristics of fabric and trimmings
- construct garment toiles
- test pattern
- use manual or CAD systems
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- communicate within the workplace
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence	Demonstrates skills and knowledge to: • measure and fit a customer • identify and define design lines and features • choose existing block to suit work specifications • create, check and test patterns • make toile • communicate effectively with design team, customers, etc. • apply OHS practices • maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: • organising work • completing tasks • identifying improvements • using workplace practices • using OHS practices • recording and reporting accidents and incidents • assessing operational readiness of equipment used and work processes • recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions • completing work systematically with attention to detail without damage to goods and equipment
Resource implications	Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.
Context for assessment	Assessment may occur on the job or in an appropriately simulated environment.
Interdependent assessment	This unit may be assessed independently or in combination with other relevant units.

Range Statement

RANGE STATEMENT

The Range Statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.

OHS practices OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit and may include:

- manual handling techniques
- standard operating procedures
- personal protective equipment
- safe materials handling
- taking of rest breaks
- ergonomic arrangement of workplaces
- following marked walkways
- safe storage of equipment
- housekeeping
- reporting accidents and incidents
- other OHS practices relevant to the job and enterprise

Pattern-making tools and equipment may include:

- blocks
- dress form
- scissors
- square rule
- marker pens
- hole punch
- pins
- fashion triangle
- French curve
- pattern notcher
- weights
- tape measure

Style features may include:

- garment type, collar, sleeves, yoke, sides, openings, neckline, buttons, seams, zips, gathers, pleats, panels, tucks

Pattern-making principles include:

- dart manipulation
- adding fullness

	• contouring
Methods and formulas may include:	• deviations from standard patterns • sources of pattern components • pattern derivation methods and formulas • block construction methods and formulas • application of current industry practice
Pattern markings include:	• appropriate seam allowance • notching • pattern information (size, style number, cutting instructions and identity) • darts • drill holes • grain line • stitching line

Unit Sector(s)

Sector	Fashion Design
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