



Australian Government

Department of Education, Employment and Workplace Relations

LMTML2002A Make flat patterns for millinery

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers skills and knowledge required to construct flat patterns for millinery using measurements, mathematical calculations and geometry.

Application of the Unit

Not applicable.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Application of the Unit of the Unit

The unit applies to the construction of flat patterns onto paper or cardboard that will result in final patterns for a millinery item. Taken and calculated measurements will be used to construct the patterns. These patterns may be constructed manually or by computer.

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 planning and organising for safe and effective use of millinery pattern making technology and operations. This unit also requires communication skills to take and calculate measurements and complete patternmaking documentation.

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Identify required measurements	1.1 Pattern pieces are identified 1.2 Measurements required for pattern are identified 1.3 Taken measurements are taken and documented 1.4 Calculated measurements are calculated and documented 1.5 All measurements are checked for accuracy
2. Select flat pattern construction method	2.1 Manual construction method is considered for suitability for millinery pattern 2.2 Electronic method is considered for suitability for millinery pattern 2.3 Construction method is selected 2.4 Patternmaking tools and equipment are selected and prepared
3. Construct millinery pattern	3.1 Patterns are constructed using millinery flat pattern construction principles 3.2 Taken and calculated measurements are applied to pattern construction 3.3 Pattern pieces are checked for accuracy, including seam allowances, ease allowance, proportion, and seam match 3.4 A test toile is made to check that design requirements are met 3.5 Patterns are modified or altered according to results from the test toile 3.6 OHS practices are identified and followed
4. Finalise millinery pattern	4.1 Pattern pieces are labelled, including grain lines, notches, pattern information and cutting instructions 4.2 Pattern specification sheet is completed according to workplace requirements 4.4 Final patterns are filed or passed on to the next operation 4.5 All required documentation is completed

Required Skills and Knowledge

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

Demonstrates knowledge of:

- requirements of the design and production of millinery
- simple mathematical calculations
- simple geometric principles for constructing circles, squares, rectangles and angles
- OHS practices including hazard identification and control measures associated with
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skill to:

- take accurate measurements on a client, house model, millinery block or mannequin
- calculate measurements using set formulae
- use patternmaking tools and equipment to construct flat patterns
- presenting accurate final patterns for millinery items
- use electronic programs and equipment
- 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 for assessment and evidence required to demonstrate competency in this unit

Demonstrates skills and knowledge to:

- identify pattern pieces and measurements required for a millinery design
- take and calculate measurements
- use flat patternmaking and pattern construction methods to develop patterns for millinery
- test patterns in toile form
- produce accurate final flat patterns that meet design and size requirements
- complete pattern specification sheet

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

Context and specific resources for assessment

Assessment may occur on the job or in an appropriately simulated environment and requires access to work areas, materials and equipment and to information on workplace practices and OHS practices.

Guidance information for 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.
Taken measurements may include	• head size • ear- to- ear measurements • front-to-back measurements • linear • circular
Calculated measurements may include	• radius • circumference • diameter • ratios • division • percentages and fractions
Electronic method refers to	• use of computer aided design programs and electronic equipment
Tools and equipment may include	• CAD system • square ruler • compass, protractor • tape measure, French curve, mitre ruler, triangles, hole punch, scissors
Millinery flat pattern construction principles may include	• circular principles • angular principles • constructing and modifying arcs • square blocking • pivoting • contour sectioning • cut and spread
OHS practices may include	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

Unit Sector(s)

Sector	Millinery
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