



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD5001B Design bras and swimwear

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to design structured bras and swimwear for production.

Application of the Unit

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The unit applies to the design for production of bras and swimwear that include structured foundations such as boning, underwire, corsetry, etc. Bras and swimwear that do not include these components are covered in other fashion design units.

Design relates to individual garments where a variety of fabrics may be used to produce the final garment. The extent and nature of product design will depend on the products individual workplace.

Discretion and judgement are required in planning and selecting processes.

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 and problem solving to develop storyboards, sketches and design concepts, present design concepts and complete documentation. Initiative and enterprise are required to design bras and swimwear and planning and organising skills are required to complete garments. Self management skills are required to ensure garments meet quality requirements.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites LMTCL2010B
 LMTFD4003B

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 Research fashion to determine design	<p>1.1 Current national and international <i>fashion trends</i> for bras or swimwear are researched and analysed.</p> <p>1.2 <i>Current practices</i> in bra and swimwear construction are researched and analysed.</p> <p>1.3 Market analysis is conducted.</p> <p>1.4 Story themes are developed using fashion magazines, samples, swatches, trims and colour palette.</p>
2 Research production information	<p>2.1 Design parameters are clarified, in consultation with production manager, sales team, management and client, as required.</p> <p>2.2 Trends in <i>fabrics</i> and <i>components</i> are researched for performance, colour, availability, care and maintenance requirements and suitability to design.</p> <p>2.3 Technical requirements associated with production are assessed within specified guidelines.</p> <p>2.4 Any additional expertise required for design is identified.</p>
3 Develop design concept	<p>3.1 Preliminary design concepts are developed.</p> <p>3.2 Ideas are discussed with team members to assess and improve design.</p> <p>3.3 Design concept is developed to meet client brief.</p> <p>3.4 Artwork, drawings and <i>specifications</i> are prepared in appropriate format, including any additional documentation that may be required.</p> <p>3.5 Fit and performance standards are addressed in design concepts.</p>
4 Present the design	<p>4.1 Design concept is prepared for presentation.</p> <p>4.2 <i>Presentation skills</i> are used to convey features and benefits of the design.</p> <p>4.3 Acceptance and approval of the design is promoted.</p> <p>4.4 Design is presented to target needs of <i>audience</i>.</p> <p>4.5 Records are maintained and documentation prepared.</p>

Required Skills and Knowledge

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

Demonstrates knowledge of:

- elements and principles of design and how they are used to create good design in the bra or swimwear industry
- industry, global and local trends
- garment construction
- cutting, moulding and machine operations
- fabrics and textiles
- research sources
- colour or colour mix and interpretation
- fabrics, fibres, trims, components, accessories and their properties and characteristics
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- produce sketches and drawings manually or using CAD systems
- communicate effectively with individuals, work groups and management
- interpret and carry out established procedures
- document and transfer information
- work within strict timeframes
- pay attention to detail
- 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:

- research fashion trends for bras or swimwear
- research product information
- assess technical requirements
- develop design concept
- develop designs for one-way and two-way stretch fabrics
- communicate effectively with design team, management, production, clients, etc.
- present design concept
- 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.
Current practices may include:	<ul style="list-style-type: none"> • styling features relating to health effects of bra and swimwear construction • appropriate bra and swimwear structure for special client groups, including bras and swimwear for maternity, mastectomy, junior and costume wear • sports and fuller figure bras and swimwear and the need for extra support • use of specialist materials and trims
Fashion trends may include:	<ul style="list-style-type: none"> • colour • fabrics • styles • trims • components
Fabrics must include:	<ul style="list-style-type: none"> • one-way stretch • two-way stretch • no-stretch
Components may include:	<ul style="list-style-type: none"> • straps • hooks • elastic • fasteners • ribbon • underwire • foam padding • oil filled straps • rings • fine lace and delicate fabrics
Specifications may include:	<ul style="list-style-type: none"> • budget • type of garment • style requirements • fit model specifications • size range • timeline

- Audience may include:
- design restrictions or conditions
 - management
 - client
 - patternmaker
 - sample machinist
 - fitting and grading specialist
- 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

Unit Sector(s)

Sector Fashion Design and Technology