



Australian Government

Department of Education, Employment and Workplace Relations

LMTFP4001A Develop design for custom made footwear

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge required to develop a design for custom made footwear

Application of the Unit

Application of the Unit

This unit applies to interpreting design requirements in consultation with client, determining specifications and developing the design for custom made footwear.

Work may involve individual and team 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 to establish design requirements with the client, including taking accurate measurements, and document specifications to guide production. Ongoing learning is required to maintain currency of design options and teamwork is applied to ensure client requirements are identified and achieved in the design. Planning and organising skills are required to determine production requirements in relation to the design. Initiative and enterprise and problem solving will be used to create design concepts and match them with production processes. Self management will be applied to ensure design meets design requirements.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

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 footwear designs	1.1 Information sources on footwear design and construction techniques are identified and accessed to maintain currency of knowledge 1.2 Current and historical trends in footwear design and construction techniques are analysed 1.3 Impact of footwear componentry designs on footwear are analysed 1.4 Footwear designs for various purposes are analysed 1.5 Design tools are used to develop design concepts 1.6 Current industry practices are analysed for application in own work
2 Determine design requirements	2.1 Purpose of footwear is confirmed with client 2.2 Client requirements for footwear design are confirmed with client 2.3 Communication skills are used to identify key priorities of client 2.4 Preliminary design concepts are explored with the client using sketches, pictures, software tools or sample shoes
3 Undertake footwear measurements	3.1 Measurements of foot are taken to determine footwear size requirements and in accordance with OHS practices 3.2 Gait analysis is performed to obtain baseline data of clients walk pattern 3.3 Trial fit is conducted using commercial footwear or client's own footwear 3.4 Measurements are reviewed to confirm that all required information has been collected
4 Confirm footwear design	4.1 Cost estimates are calculated and provided to client 4.2 Design to be used for footwear production is finalised and order confirmed 4.3 Design and requirements are documented
5 Develop design specifications	5.1 Design specifications are developed to guide production 5.2 Design specifications are documented

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
- footwear construction
- materials used in footwear production
- specification requirements and costing procedures
- safety and environmental aspects of relevant workplace activities
- workplace procedures and reporting processes
- OHS practices, including hazard identification and control measures
- quality practices
- recording and reporting practices

Demonstrates skills to:

- identify constraints
- suggest variations to design
- communicate effectively with individuals, work groups and supervisors
- maintain records, document and transfer information
- 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 to be considered	Demonstrates skills and knowledge to: • communicate with client to determine footwear requirements • explore design concepts • take accurate measurements and perform foot analysis • calculate cost estimates • develop design specifications • apply workplace health and safety policies in work operations • 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.

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

Design tools may include:

- software programs
- electronic tools
- storyboards
- catalogues, pictures
- drawings and illustrations

Requirements may include:

- budget
- timing
- costs
- quality
- materials
- colour
- footwear components

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 Footwear Production