



Australian Government

MSTFP4001 Develop design for custom-made footwear

Release: 1

MSTFP4001 Develop design for custom-made footwear

Modification History

Release 1. Supersedes and is equivalent to LMTFP4001A Develop design for custom made footwear

Application

This unit of competency covers the skills and knowledge required to develop a design for custom-made footwear.

This unit of competency 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.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Footwear production

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

| | | | |
|---|----------------------------------|-----|--|
| 1 | Research footwear designs | 1.1 | Identify and access information sources on footwear design and construction techniques, to ensure knowledge is current |
| | | 1.2 | Analyse current and historical trends in footwear design and construction techniques |
| | | 1.3 | Analyse impact of footwear componentry designs on footwear |
| | | 1.4 | Analyse footwear designs for various purposes |

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| | | 1.5 | Analyse current industry practices and relate to own work |
| 2 | Determine design requirements | 2.1 | Confirm purpose of footwear with client |
| | | 2.2 | Confirm requirements for footwear design with client |
| | | 2.3 | Use communication skills to identify key priorities of client |
| | | 2.4 | Use design tools to develop design concepts |
| | | 2.5 | Explore preliminary design concepts with the client using sketches, pictures, software tools or sample shoes |
| 3 | Measure and assess foot | 3.1 | Take measurements of foot in accordance with work health and safety (WHS) practices to determine footwear size requirements |
| | | 3.2 | Perform gait analysis to obtain baseline data of client's walk pattern |
| | | 3.3 | Conduct trial fit using commercial footwear or client's own footwear according to workplace procedures |
| 4 | Confirm footwear design | 4.1 | Calculate cost estimates and provide to client |
| | | 4.2 | Finalise design to be used for footwear production and confirm order |
| | | 4.3 | Document design and requirements |

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Workplace procedures include one or more of the following:

- requirements prescribed by legislation, awards, agreements and conditions of employment
- standard operating procedures (SOPs)
- 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
- WHS practices

Australian Standards include:

- the relevant industry or Australian Standards that are current at the time this unit is being undertaken

Design tools include one or more of the following:

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

Requirements include one or more of the following:

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

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFP4001A Develop design for custom made footwear

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8f1a9b76e92e>