



Australian Government

MSTFP3006 Apply foot anatomy principles to footwear production

Release: 1

MSTFP3006 Apply foot anatomy principles to footwear production

Modification History

Release 1. Supersedes and is equivalent to LMTFP3006B Apply foot anatomy principles to footwear production

Application

This unit of competency covers the skills and knowledge required to identify and describe the main structure and functions of the foot and to apply these principles to the design and production of footwear.

The unit of competency applies to identifying the structure and functions of the foot and how normal footwear design features meet these requirements. The unit of competency does not cover abnormal anatomy or medical conditions affecting feet. The retailing, alteration and manufacture of footwear for clients needing shoes or prostheses for surgical and medical conditions are covered by the Medical Grade Footwear units and qualifications.

The unit applies to small manufacturers making footwear by hand and dealing direct with the public.

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	Identify the structure and functions of the foot	1.1	Identify the main foot structures
		1.2	Describe functions of main foot muscles
		1.3	Describe functions of main tendons and ligaments in

		foot
		1.4 Identify the main functions of the foot
2	Identify the main features and functions of footwear	2.1 Identify types of footwear and distinguish their different uses 2.2 Describe main features of footwear 2.3 Identify processes used to produce footwear features 2.4 Identify examples of flat, wide and different sized feet where specialised footwear may be required
3	Assess the impact of footwear features	3.1 Identify the effect of poor-fitting or poorly made shoes 3.2 Relate features of footwear to foot function and structure 3.3 Assess features of footwear product and their capacity to support ideal performance of foot 3.4 Identify examples of possible surgical or medical conditions which would trigger referral to a medical practitioner, podiatrist or medical grade footwear practitioner 3.5 Identify quality processes used in workplace to ensure production of optimal footwear products

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 • requirements prescribed by legislation, awards,

- one or more of the following:**
- 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
 - work health and safety (WHS) practices
- Australian Standards include:**
- the relevant industry or Australian Standards that are current at the time this unit is being undertaken
- Processes to produce footwear features include one or more of the following:**
- designing
 - developing patterns and lasts
 - stitching
 - selection of materials
 - manufacture of uppers, inner soles, linings and soles
 - quality checks

Unit Mapping Information

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Links

Companion Volume implementation guides are found in VETNet -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a203ec5c-de7d-406b-b3e1-8fla9b76e92e>