



Australian Government

MSTFD4010 Create pattern to meet design specifications applying advanced patternmaking principles

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to LMTFD4010B Create pattern to meet design specifications applying advanced pattern-making principles

Application

The unit of competency covers the skills and knowledge required to create a pattern from an existing block, using advanced patternmaking principles, including contouring, square blocking and pivoting.

Work may be conducted in small to large scale enterprises and may involve individual and team activities.

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

Pre-requisite Unit

MSTCL3009 Develop patterns from a block using basic patternmaking principles

Competency Field

Fashion design and technology

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.

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|---|-----------------------------------|-----|---|
| 1 | Determine job requirements | 1.1 | Follow standard operating procedures (SOPs) |
| | | 1.2 | Comply with work health and safety (WHS) requirements at all times |
| | | 1.3 | Use appropriate personal protective equipment (PPE) in accordance with SOPs |

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|---|--|-----|---|
| | | 1.4 | Identify job requirements from specifications, drawings, job sheets or work instructions |
| 2 | Prepare to create pattern to meet design specifications | 2.1 | Select and prepare patternmaking tools, equipment, additional materials, if required, and workstation |
| | | 2.2 | Interpret and clarify design drawings and specifications, and identify design lines and style features |
| | | 2.3 | Clarify design requirements |
| | | 2.4 | Determine ease allowance and obtain details of base size |
| 3 | Create pattern | 3.1 | Select appropriate block to develop pattern and retrieve from storage system |
| | | 3.2 | Apply advanced patternmaking principles to develop pattern from existing block to specified design |
| | | 3.3 | Document methods and formulas used |
| | | 3.4 | Check pattern pieces, label and complete markings |
| 4 | Check and finalise pattern for production | 4.1 | Test toile or garment segments and assess against design specifications |
| | | 4.2 | Make any necessary alterations to finalise pattern and check it is accurate, complete and complies with design specifications |
| | | 4.3 | Select sizing system for pattern and base size |
| | | 4.4 | Prepare spreadsheet and grade table of full size range with essential measurements |
| | | 4.5 | Complete pattern specification sheets with trade drawings, attach to patterns for storage and file appropriately |
| | | 4.6 | Prepare work order for sizing labels as required |

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
- 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

Advanced patternmaking principles include the following:

- pivoting
- square blocking
- contouring
- advanced dart manipulation

Garments include one or more of the following:

- skirts
- trousers/pants
- shirts/blouses
- dresses
- coats
- lingerie

Methods and formulas

- deviations from standard patterns

include one or more of the following:

- sources of pattern components
- pattern derivation methods and formulas
- block construction methods and formulas
- application of current industry practice

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-b3e1-8f1a9b76e92e>