



Australian Government

MSTAT3002 Develop patterns using basic patternmaking principles

Release: 1

MSTAT3002 Develop patterns using basic patternmaking principles

Modification History

Release 1. Merges MSTCL3009 and MSTCL3013. Unit code, Title and Application changed. Title changed to reflect content and application now broader. Elements and Performance Criteria simplified with Element 1 and 2 combined. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Knowledge Evidence. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTCL3009 Develop patterns from a block using basic patternmaking principles and MSTCL3013 Interpret patterns and apply pattern information.

Application

This unit describes the skills and knowledge required to interpret design specifications for textile products and use patternmaking principles to develop and test patterns to confirm specifications. Textile products may include apparel or non-wearable items.

This unit applies to individuals working in accordance with pre-determined designs and established procedures. They use discretion, judgement and problem solving to test and alter patterns.

No licensing or certification requirements exist at the time of publication. Relevant legislation, industry standards and codes of practice within Australia must be applied.

Competency Field

Apparel, Fashion and Textile Production

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Determine pattern requirements	1.1 Identify textile product features and scope of pattern requirements from design specifications 1.2 Identify fabric performance characteristics that may affect completed pattern 1.3 Plan pattern development process based on scope of requirements 1.4 Select and prepare required tools and equipment based on specifications and in accordance with work health and safety requirements

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Develop and test patterns	2.1 Use patternmaking principles to create pattern pieces 2.2 Identify and action opportunities to minimise waste in the patternmaking process 2.3 Check and confirm shape and accuracy of each pattern piece against design specification 2.4 Label all pattern pieces with required information to support production 2.5 Analyse available toile or prototype, refer back to pattern and check pattern accuracy, shape size and style features against design specification 2.6 Alter pattern to reflect outcomes of testing
3. Complete documentation	3.1 Document any alterations to first patterns in accordance with workplace procedures 3.2 Complete supporting pattern specification sheets in accordance with workplace procedures 3.3 Process and store documentation in accordance with workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

- Reading skills to interpret familiar workplace procedures and detailed design specifications
- Writing skills to communicate factual pattern and production information in workplace documents
- Numeracy skills to interpret numerical aspects of design specifications, take accurate measurements and make simple calculations.

Other foundation skills essential to performance are explicit in the performance criteria of this unit.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet -

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