



Australian Government

Assessment Requirements for MSTTF3010 Produce digital patterns for 2D manufactured textile products

Release: 1

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Modification History

Release 1. Unit code, Title and Application changed. Title changed for clarity. Elements and Performance Criteria restructured and simplified with Elements 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 equivalent to MSTTF2007 Produce patterns for 2D products.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- operate computer and relevant software applications and complete the following for at least two manufactured textile products:
 - construct detailed 2D drawings which reflect product requirements
 - perform material and product costing calculations based on the drawings.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- products and services offered by the workplace
- product construction processes
- basic principles and practices of engineering drawing
- the creation of digital 2D patterns:
 - types of detailed information required to create patterns
 - computer hardware requirements
 - software packages and their operating features (based on those used in the workplace)
 - computer or plotter interfaces
 - 2D drawing and calculation processes
 - mathematical processes and formulae, including for area and volume
 - basic aspects of geometry and geometrical shapes
 - file and documentation formats
- workplace procedures for communicating and storing information.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - information on product requirements
 - computer hardware and software
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet -

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