



Australian Government

MSTGN4025 Use digital design tools

Release: 1

MSTGN4025 Use digital design tools

Modification History

Release 1. Unit Code, Title and Application changed. Unit broadened to encompass products other than fashion products. Elements and Performance Criteria simplified with Element 1 removed. Foundation Skills field populated. Range of Conditions removed. Assessment Requirements clarified with generic foundation skills statements moved to appropriate section and duplication with Performance Criteria removed. Supersedes and is not equivalent to MSTFD4020 Use electronic fashion design tools.

Application

This unit describes the skills and knowledge required to create designs and production specifications for any type of textile product using digital software programs and peripherals. The focus of the unit is the technical skills and knowledge skills and knowledge required to use software to manipulate design elements.

This unit applies to design and production personnel.

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

Generic

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. Establish digital design requirements	1.1 Interpret design information and identify production requirements 1.2 Identify product factors that need to be considered 1.3 Prepare suitable programs and equipment in accordance with software operating functions
2. Use design programs	2.1 Use and manipulate features of design program to create required outputs 2.2 Test designs and production specifications and modify as required 2.3 Assess outputs generated against design specifications and production requirements
3. Check and finalise	3.1 Present outputs in appropriate formats to appropriate personnel to

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
designs	assess accuracy and completeness 3.2 Make adjustments or improvements in response to feedback 3.3 Create final outputs and store 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 detailed design information
- Numeracy skills to create and manipulate numerical data in software applications.

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>

Assessment Requirements for MSTGN4025 Use digital design tools

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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:

- use digital design tools to create designs and production specifications for at least two different textile products.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- at least one digital software program used for product design in the textiles, clothing and footwear industries, including:
 - operating procedures
 - program features
 - editing tools and procedures
 - filing and storage procedures
- computer hardware requirements
- role of digital design tools in textile design and production.

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:
 - design information
 - computer hardware
 - design software.

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

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