



Australian Government

MSTTD5010 Produce computer-aided textile design folios

Release: 2

MSTTD5010 Produce computer-aided textile design folios

Modification History

Release 2. Supersedes and is equivalent to MSTTD5010 Produce computer-aided textile design folios (Release 1).

Pre-requisite unit, MSTGN2009 Operate computing technology in a TCF workplace, is **superseded by** MSTGN2014 Operate computing technology in a TCF workplace.

Release 1. Supersedes and is equivalent to LMTTD5010A Produce computer aided textile design folios.

Application

This unit of competency covers the skills and knowledge required to use computer-aided design (CAD) programs to produce textile design folios.

The unit of competency applies to creative and technical skills to plan and create textile design folios, and develop and manipulate folio content. Folio requirements are determined in consultation with the client and through analysis of design specifications.

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

MSTGN2 Operate computing technology in a TCF
014 workplace

Competency Field

Textile design and development

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 | <ul style="list-style-type: none">1.1 Follow standard operating procedures (SOPs)1.2 Comply with work health and safety (WHS) requirements at all times1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs1.4 Identify job requirements from specifications, drawings, job sheets or work instructions |
| 2 | Prepare to produce design folios | <ul style="list-style-type: none">2.1 Consult client to review the textile design specifications and determine folio requirements2.2 Analyse and determine purpose and type of digital folio in line with objectives and audience requirements2.3 Identify and analyse design themes and styles of textile design in line with folio objectives2.4 Determine preliminary planning, and explore options for content and presentation2.5 Confirm folio objectives and document |
| 3 | Plan folio presentation | <ul style="list-style-type: none">3.1 Determine folio parameters and specifications and use planning processes according to the needs of the folio3.2 Select and prepare CAD software, programs and equipment according to specifications and workplace procedures3.3 Determine editing and layout requirements and select relevant applications3.4 Develop folio plan and confirm presentation with client or relevant personnel |
| 4 | Use electronic tools to create folio | <ul style="list-style-type: none">4.1 Use design programs and equipment to create design folio4.2 Apply editing software to edit and manipulate folio content to effectively illustrate features of the textile materials, designs and products |

- 4.3 Assess folio against requirements and objectives and present to appropriate personnel for review
- 4.4 Identify and implement improvements and finalise folio
- 4.5 Store design folio, organise and file to enable retrieval 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
- PPE
- 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

Textile designs include one or more of the following:

- woven textile designs
- knitted textile designs
- non-woven textile designs
- domestic and industrial products

Folio parameters include one

- file size

or more of the following:

- layout
- method or program used to present folio to an audience
- folio storage and retrieval needs
- web-based folio requirements

Folio specifications include one or more of the following:

- image types and size
- text types and size
- theme
- colour schemes
- multimedia content
- graphics
- animation
- audio

Equipment include one or more of the following:

- desk top computer
- notebook computers
- laptop
- ipad

Electronic tools include one or more of the following:

- colour scanners
- laser or inkjet printers (film output, film separations)
- drawing tablets
- data projector
- networked file storage and back up devices
- digital cameras

Unit Mapping Information

Release 2. Supersedes and is equivalent to MSTTD5010 Produce computer-aided textile design folios (Release 1).

Release 1. Supersedes and is equivalent to LMTTD5010A Produce computer aided textile design folios.

Links

Companion Volume implementation guides are found in VETNet -

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