



**Australian Government**

# **MSTDE3005 Replicate traditional hand craft techniques**

**Release: 1**

# **MSTDE3005 Replicate traditional hand craft techniques**

## **Modification History**

Release 1. Supersedes and is equivalent to LMTDE3005A Replicate traditional hand craft techniques

## **Application**

This unit of competency covers the skills and knowledge required to apply specialised digitising techniques to replicate traditional hand craft techniques on a computerised embroidery machine.

The unit of competency applies to using industry standard software to specify design properties and convert artwork for the computerised production of a range of traditional embroidery techniques.

Work may be conducted in small to large scale enterprises, such as operational workplace activities or home-based activities.

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**

MSTDE3001 Apply hooping and fabric handling techniques

MSTDE3002 Digitise artwork for computerised embroideries

MSTDE3003 Apply advanced digitising techniques to produce computerised embroideries

MSTGN2011 Identify fibres, fabrics and textiles used in the TCF industry

## **Competency Field**

Digitising and computerised embroidery

## **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.

- |   |   |  |
|---|---|--|
| 1 | <b>Determine job requirements</b>                             | <ul style="list-style-type: none"> <li>1.1 Follow standard operating procedures (SOPs)</li> <li>1.2 Comply with work health and safety (WHS) requirements at all times</li> <li>1.3 Use appropriate personal protective equipment (PPE) in accordance with SOPs</li> <li>1.4 Identify job requirements from specifications, drawings, job sheets or work instructions</li> </ul>   |
| 2 | <b>Prepare to replicate traditional hand craft techniques</b> | <ul style="list-style-type: none"> <li>2.1 Confirm work requirements and prepare workspace</li> <li>2.2 Source and select images, import into software and edit, as required</li> <li>2.3 Save artwork in appropriate file type</li> </ul>   |
| 3 | <b>Digitise for embroidery techniques</b>                     | <ul style="list-style-type: none"> <li>3.1 Identify application and characteristics of traditional hand craft techniques and confirm suitability for design requirements</li> <li>3.2 Select traditional hand craft technique and determine properties in digitised image</li> <li>3.3 Apply creativity to use of colour, texture, shape, balance and composition</li> <li>3.4 Save finished design to library</li> <li>3.5 Create template and worksheet, print and check to ensure design requirements are met</li> <li>3.6 Export completed design to the machine ready for stitching according to manufacturer specifications</li> </ul> |
| 4 | <b>Complete embroidery pieces and</b>                         | <ul style="list-style-type: none"> <li>4.1 Select suitable fabric, stabiliser, toppings and backings, needles, thread and hoop types, and use according to the design production requirements</li> </ul>   |

- finalise work**
- 4.2 Create embroideries to replicate traditional hand craft techniques on different fabric types suitable for each of the techniques
  - 4.3 Minimise waste and dispose of according to workplace procedures and environmental guidelines
  - 4.4 Seek feedback and integrate into outcomes

## 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

**File types include one or more of the following:**

- .jpeg
- .gif
- .tiff
- .bmp

- .wmf
- .emf
- .png

**Traditional hand craft techniques include the following:**

- blanket stitch
- redwork
- cross-stitch
- appliqué
- quilting
- stippling
- chain stitch
- crazy quilting
- lace
- candlewick

**Properties in digitised image include one or more of the following:**

- underlay
- fill pattern
- outline
- colour
- density
- pull compensation
- stabilisation
- stitch points and corners
- size

## Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTDE3005A Replicate traditional hand craft techniques

## Links

Companion Volume implementation guides are found in VETNet -

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