



Australian Government

Assessment Requirements for MSTAT5004 Manipulate fabrics to create new finishes

Release: 1

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Modification History

Release 1. Unit code and Application changed. Prerequisite units removed. Elements and Performance Criteria restructured with Element 1 removed. Foundation Skills field populated. Range of Conditions removed with relevant information moved to Performance 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 MSTFD5005 Manipulate fabrics to create new finishes and MSTTD4010 Apply manipulation techniques to create experimental textile samples.

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:

- trial and report on at least five of the following manipulation techniques on different fabrics (to collectively include at least two fabrics):
 - 3D printing on fabric
 - applique
 - beading
 - crushing
 - decolourisation
 - dyeing
 - embroidery
 - engraving on leather
 - felting
 - foiling
 - heat application
 - knotting
 - looping
 - pin-tucks/tucks
 - pleating
 - quilting
 - shrinking
 - smocking
 - weaving with fabric.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- safety considerations for use of chemicals in fabric manipulation
- the role of fabric manipulation in the design process
- uses and performance characteristics of fabrics and other textiles when subjected to manipulation
- fabric manipulation techniques and their effects, including:
 - 3D printing on fabric
 - applique
 - beading
 - crushing
 - decolourisation
 - dyeing
 - felting
 - foiling
 - embroidery
 - engraving on leather
 - heat application
 - knotting
 - looping
 - pin-tucks/tucks
 - pleating
 - quilting
 - shrinking
 - smocking
 - weaving with fabric
- environmental impact of textile manipulation
- types of information to be documented from the manipulation process.
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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 about the design requirements as the basis for manipulation activities
 - fabrics to be manipulated
 - tools and equipment for specific manipulation processes
 - documentation resources.

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>