



Australian Government

MSTFD5012 Perform contour draping

Release: 1

MSTFD5012 Perform contour draping

Modification History

Release 1. Supersedes and is equivalent to LMTFD5012B Perform contour draping

Application

This unit of competency covers the skills and knowledge required to perform contour draping for styled garments that are worn against the body.

The unit of competency applies to draping fabric to the contours of the figure incorporating working design drawings. Draping may be for a one-off garment that goes from drape to garment or a prototype that goes from drape to flat pattern for small volume production. Draping is performed on a body form, such as a mannequin or model.

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

MSTFD4021 Drape fabrics to make patterns

Competency Field

Fashion design and technology

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 Determine job requirements

- 1.1 Follow standard operating procedures (SOPs)
- 1.2 Comply with work health and safety (WHS) requirements at all times
- 1.3 Use appropriate personal protective equipment (PPE) in

			accordance with SOPs
		1.4	Identify job requirements from specifications, drawings, job sheets or work instructions
2	Prepare to perform contour draping	2.1	Select and prepare draping tools and equipment
		2.2	Plot design lines from working drawings onto body form, using narrow tape
		2.3	Check measurements against specifications
		2.4	Prepare fabric for draping
3	Plan drape	3.1	Identify requirements for adding ease and manipulating dart excess
		3.2	Plan seam positioning and develop drape plan
		3.3	Prepare cover designs if a fitted foundation to support volume draping or layering is required
4	Perform and finalise drape	4.1	Pin fabric on model form and perform draping operations
		4.2	Remove drape from model
		4.3	Finalise drape and direct to next production process

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

Fabric includes one or more of the following:

- fabric of the final garment
- a fabric that has the same handle or drape

Prepare fabric for draping includes the following:

- estimating dimensions of fabric pieces required for each section/piece to be draped
- identifying warp, weft and bias of fabric
- identifying and assessing fabric handling qualities

Drape plan includes one or more of the following:

- adding fullness (pleats, tucks and gathers)
- multiple darts/division of darts
- symmetric and/or asymmetric design features
- cowl, twists and knots

Draping operations include the following:

- relating body reference points and fabric grains
- moulding and manipulating fabric to fit model form according to working drawing, fit and design lines
- adding ease to allow for movement
- incorporating fullness or volume, if required
- smoothing or manipulating fabric over contours of model form
- forming and pinning darts and seams to create pattern or construct garment
- preparing drape for truing and performing truing

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD5012B Perform contour draping

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 MSTFD5012 Perform contour draping

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria, and include:

- reading and following work instructions, standard operating procedures (SOPs) and safe work practices
- applying relevant standards
- preparing tools, equipment and fabric pieces
- plotting design lines from working drawings onto body form, using narrow tape
- checking measurements against specifications
- identifying requirements for adding ease and manipulating dart excess
- planning seam positioning and developing drape plan
- preparing cover designs if a fitted foundation to support volume draping or layering is required
- carrying out all required draping operations on model form on at least two (2) occasions
- finalising the drape for next process.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- safe work practices and procedures and use of personal protective equipment (PPE)
- Australian Standards for patterns and garment construction
- principles and concepts of patternmaking
- customer and workplace requirements
- cost efficiency in relation to patternmaking
- range of typical garment fabrics, including weight and other characteristics
- draping tools and equipment:
 - model form
 - narrow tape/ribbon
 - tape measure
 - pen/pencil
 - scissors
 - square rule
 - marker pens
 - hole punch

- pins
- fashion triangle
- French curve
- pattern notcher
- weights
- draping processes and plans
- body science:
 - structural anatomy
 - morphology
 - anthropometry
- fabric handling characteristics:
 - fall
 - stretch
 - stability
 - drape
- required details for pattern pieces
- pattern markings:
- appropriate seam widths
 - notches
 - dart lines
 - drill holes
 - grain line
 - cutting instructions
 - stitching lines
- cutting and garment construction
- quality practices
- workplace practices
- recording and reporting practices.

Assessment Conditions

- Assessors must:
 - satisfy the assessor competency requirements that are in place at the time of the assessment, as set by the VET regulator
 - have vocational competency in contour draping, at least to the level being assessed, with relevant industry knowledge and experience.
- Assessment should occur in operational workplace situations. Where this is not possible, or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment reflecting realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications associated with this unit.

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