



Australian Government

MSTFD4021 Drape fabrics to make patterns

Release: 1

MSTFD4021 Drape fabrics to make patterns

Modification History

Release 1. Supersedes and is equivalent to LMTFD4021B Drape fabrics to make patterns

Application

This unit of competency covers the skills and knowledge to drape fabrics to make patterns.

This unit of competency applies to using draping techniques to create a basic fitted foundation. This applies to the creation of fitted blocks, such as a bodice and a skirt and does not include draping of set-in sleeves. Draping is conducted 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

Nil

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

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|---|---------------------------------------|-----|---|
| 2 | Prepare to drape fabrics | 2.1 | Select and prepare draping tools and equipment |
| | | 2.2 | Prepare body form for draping |
| | | 2.3 | Identify and mark reference points on body form and make any other necessary preparations |
| | | 2.4 | Select and prepare fabric for draping |
| | | 2.5 | Prepare the drape plan |
| | | | |
| 3 | Transfer drape to make pattern | 3.1 | Pin fabric on model form and perform draping operations |
| | | 3.2 | Remove drape from model form and draw or rule lines on drape at pin positions |
| | | 3.3 | Use drape as a template to create paper pattern or block |
| | | 3.4 | True and mark pattern |
| | | | |
| 4 | Check and finalise pattern | 4.1 | Check pattern pieces for all requirements, label pieces and complete markings |
| | | 4.2 | Finalise pattern and check it is accurate, complete and complies with design specifications |
| | | 4.3 | Complete pattern specification sheet, attach to patterns for storage and file appropriately |

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

Body form includes one or more of the following:

- mannequin
- model
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Body reference points include the following:

- bust
- waist
- hips
- centre front
- centre back
- side seam

Prepare fabric for draping includes the following:

- estimate dimensions of fabric piece required for each section/piece to be draped
- identify warp, weft and bias of fabric
- identify and assess fabric handling qualities

Fabric includes one or more of the following:

- toile fabric
- sample fabric

Pieces to be draped include one or more of the following:

- front bodice
- back bodice
- front skirt

- back skirt
- other pieces to be draped:
 - front extended line
 - back extended line

Drape plan includes one or more of the following:

- adding fullness (pleats, tucks and gathers)
- seam positioning
- adding wearing ease for movement
- multiple darts/division of darts
- manipulating dart excess
- symmetric and/or asymmetric design features
- cowls, twists and knots

Draping operations include one or more of 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

Check pattern pieces includes the following:

- accuracy of seam allowances
- ease allowance
- seam match
- hems
- functional openings
- flow through

Unit Mapping Information

Release 1. Supersedes and is equivalent to LMTFD4021B Drape fabrics to make patterns

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 MSTFD4021 Drape fabrics to make patterns

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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
- marking reference points on model
- pinning fabric on model form and performing at least two (2) draping operations
- removing drape from model form and drawing or ruling lines on drape at pin positions
- transferring the drape to paper
- using drape as a template to create at least two (2) paper pattern or block
- finalising pattern and checking it is true, accurate, complete and complies with design specifications
- • checking pattern pieces for all requirements, labelling pieces and completing markings
- completing pattern specification sheet, attaching to patterns for storage and filing appropriately.

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
- 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
- pattern specification sheets
- maintaining accurate records.

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 draping fabrics to make patterns, 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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