



Australian Government

**Assessment Requirements for MSTFD4010
Create pattern to meet design specifications
applying advanced patternmaking
principles**

Release: 1

Assessment Requirements for MSTFD4010 Create pattern to meet design specifications applying advanced patternmaking principles

Modification History

Release 1. Supersedes and is equivalent to LMTFD4010B Create pattern to meet design specifications applying advanced pattern-making principles

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
- interpreting and clarifying design drawings and specifications and selecting appropriate block to develop pattern
- applying relevant industry standards for pattern and garment construction
- using patternmaking tools and equipment
- applying advanced patternmaking principles to develop at least two (2) patterns from existing block to specified design
- documenting methods and formulas used, checking pattern pieces, and labelling and completing markings
- testing toile or garment segments, assessing against design specifications, and making any necessary alterations to finalise pattern and check it is accurate, complete and complies with design specifications
- selecting and detailing appropriate base sizing system, and preparing spreadsheet and grade table of full size range with essential measurements
- completing pattern specification sheets with trade drawings, attaching to patterns for storage and filing appropriately
- preparing work order for sizing labels, as required.

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
- patternmaking tools and equipment:
 - blocks
 - dress form
 - scissors
 - square rule

- marker pens
- hole punch
- pins
- fashion triangle
- French curve
- pattern notcher
- weights
- tape measure
- design specifications and procedures
- style features:
 - garment type
 - collar
 - sleeves
 - yoke
 - sides
 - openings
 - neckline
 - buttons
 - seams
 - zips
 - gathers
 - pleats
 - panels
 - tucks
- advanced patternmaking principles and procedures
- design requirements and style features:
 - fabric characteristics and performance
 - trim details and finishings
 - special construction methods
- customer and workplace fit requirements
- fabric characteristics:
 - type of fabric
 - finish
 - colour of fabric
 - positioning of design
 - suitability of size, design and colour
- garment features:
 - fitting and seam lines
 - style lines
 - yokes, gores and panels

- necklines
- sleeves
- collars
- zips and buttons
- pockets
- waistbands
- pattern markings:
 - appropriate seam allowance
 - notching
 - pattern information (size, style number, cutting instructions and identity)
 - darts
 - drill holes
 - grain line
 - stitching line
- marker making procedures
- cutting and garment construction
- pattern pieces:
 - accuracy of seam allowances
 - ease allowance
 - seam match
 - hems
 - functional openings
- body sciences:
 - structural anatomy
 - morphology
 - anthropometry
- sizing systems
- 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 patternmaking, 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.

Links

Companion Volume implementation guides are found in VETNet -

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