



Australian Government

MSTFD5020 Assess impact of current fashion industry innovations and practices

Release: 1

MSTFD5020 Assess impact of current fashion industry innovations and practices

Modification History

Release 1. New unit

Application

This unit of competency covers the skills and knowledge required to conduct research to determine current industry practices and assess the impact of these on own practice.

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	Review industry trends and assess impacts on practice	1.1	Use research methods to identify key industry organisations and information resources
		1.2	Examine the impact of globalisation on the fashion industry and determine implications for work practice
		1.3	Examine key trends affecting production and work flows in the fashion industry and the implications for work practice
		1.4	Examine key trends affecting supply in the fashion industry and the implications for work practice

		1.5	Determine implications for own work
		1.6	Comply with work health and safety (WHS) requirements at all times
2	Analyse supply chain for fashion product or service	2.1	Identify key components of supply chain for product or service
		2.2	Explain concepts of value and identify value added within the supply chain
		2.3	Identify risks within the supply chain
		2.4	Determine implications of extended supply chains on fashion sourcing, production and distribution
		2.5	Determine implications for own work
3	Determine impact of digital processes on production	3.1	Identify digital processes engaged in the design and production of fashion items
		3.2	Identify specialised industry software programs and their use in fashion industry practice
		3.3	Identify other commonly used software programs and their use in fashion industry practice
		3.4	Determine implications for own work
4	Determine impact of digital processes on supply	4.1	Identify digital processes engaged in the supply and distribution of fashion items
		4.2	Determine implications for own work
5	Determine implications of sustainability on work practice	5.1	Examine sustainability drivers for the fashion industry
		5.2	Determine risks and potential sustainability impacts in the fashion industry
		5.3	Identify implications for work practice
		5.4	Identify implications for own work

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
- standard operating procedures (SOPs)
- work instructions
- personal protective equipment (PPE)
- 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

Research methods include one of more of the following:

- conduct internet searches
- review journals and books
- follow media reports
- interview stakeholders
- attend meetings and industry forums
- review industry reports and publications
- attend networking events
- attend conferences

Key trends include one or more of

- overseas outsourcing

the following:

- customisation
- customer driven
- customer designed
- online markets
- digital and electronic design tools
- digital and electronic production tools
- quality assurance
- intellectual property (IP) protection
- online retail
- sustainability
- outsourcing standards
- customer demand for transparency
- organisational integrity
- collaboration
- other emerging trends impacting the fashion industry

Digital processes used in design and production include one of more of the following:

- laser scanners
- online customising tools
- graphic design software programs
- digital yardage printing
- digital engineered placement printing
- digital software tools used in patternmaking
- digital software tools used in marking
- spreadsheet software
- other industry-focused, electronic design tools

Sustainability drivers include one or more of the following:

- carbon emissions
- environmental impact
- fair work practices
- fair trade
- waste reduction
- pollution and use of toxic chemicals
- sustainable design
- disposal and whole of life impacts
- whole of life impact
- ethical practice
- global impacts
- safe work practices
- use of sustainable materials

Unit Mapping Information

Release 1. New unit

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 MSTFD5020 Assess impact of current fashion industry innovations and practices

Modification History

Release 1. New unit

Performance Evidence

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

- conducting research using variety of research methods to identify key industry organisations and information resources
- applying relevant standards
- identifying impact of globalisation on the fashion industry and at least two (2) examples that impact on own work practice
- analysing industry information and determining implications for the fashion industry and at least two (2) examples that impact on own work
- determining key trends affecting supply, production and work flows
- analysing fashion industry supply chains, identifying risks and value added
- determining impacts of industry trends on work practice and provide at least two (2) examples that impact on own work
- identifying at least two (2) digital design and production tools and software programs used in the fashion industry and determining impact on work practice and own work
- identifying at least two (2) digital supply and distribution tools and software programs used in the fashion industry and determining impact on work practice and own work
- determining risks and impacts of sustainability drivers on work practice and own work.

Knowledge Evidence

Evidence must be provided that demonstrates knowledge of:

- information resources for fashion industry
- relevant Australian Standards
- digital patternmaking and grading processes
- trends and impacts on fashion industry practices
- impact of globalisation on the fashion industry
- key components of supply chain for product or service
- concepts of value in supply chains
- risks within the supply chain
- effect of extended supply chains on fashion sourcing, production and distribution
- digital processes used in supply and distribution, such as:
 - electronic communication systems
 - internet search engines

- online shops, retail and wholesale outlets
- e-commerce systems
- e-sourcing systems
- e-procurement systems
- electronic inventory systems
- distribution tracking systems
- specialised industry software programs used in fashion design and production, such as:
 - Gerber Technology
 - Optitex
 - StyleCAD
 - Lectra Systems
 - other fashion design programs
- commonly used software, such as:
 - Adobe Illustrator
 - Adobe Photoshop
 - Adobe InDesign
 - Microsoft Excel
 - other graphics and multimedia programs
- sustainability drivers in the fashion industry
- supply and sustainability risks for the fashion industry.

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 current fashion industry practice, 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>