



Australian Government

Department of Education, Employment and Workplace Relations

LMTTD6003A Develop a textile product range

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to develop a textile product range and present the range to the client.

Application of the Unit

Application of the Unit

This unit applies to the development of a textile product range based on a client brief, and presentation of the designed range to the client for acceptance.

Work may be conducted in small to large scale enterprises and may involve individual and team-related activities.

The application of this unit is according to OHS practices of the enterprise and workplace practices, which may include:

- requirements prescribed by legislation, awards agreements and conditions of employment
- standard operating procedures
- 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

This unit requires the application of communications skills associated with interpreting product requirements, undertaking research, and presenting and communicating designs. Technology is applied during the design process when using computer aided design systems. Problem solving, initiative and enterprise and planning and organising are central to the design development process. Teamwork skills are required to refine design concepts with design team.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites

Employability Skills Information

Employability Skills This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

ELEMENT

PERFORMANCE CRITERIA

1 Determine requirements for textile product range	1.1 Product development brief is interpreted to determine design requirements and intended purpose of product range. 1.2 Design elements, themes and initial concepts are recognised and analysed 1.3 Profile of target market population is analysed to determine particular product requirements and market trends 1.4 Styles, colours and types of yarn required are determined
2 Investigate product development factors	2.1 Textile design trends are researched and applied to product development 2.2 Existing themes are researched and applied to product development 2.3 Yarn and material suppliers are sourced and availability, suitability and costing of resources is determined 2.4 Supply chains for product range are investigated to provide information about product development, production and sales flows
3 Develop textile product range	3.1 Concepts are developed in line with brief to explore design options 3.2 Textile product range options are determined 3.3 Cost of materials and resources required to produce range are estimated 3.4 Labour, overheads and other production costs for proposed range are estimated 3.5 Consultations are undertaken with design team to refine product design and range options 3.6 Preliminary plans are reviewed and modifications made accordingly 3.7 Product range designs are drawn and documentation is completed
4 Present textile product range for approval	4.1 Designs for full textile product range are presented to client using a range of presentation tools, and in line with OHS practices 4.2 Features, costs and benefits of proposed designs are explained to the client in line with initial design brief 4.3 Feedback is received from client and modifications are made accordingly 4.4 Product range is reviewed to confirm acceptance of proposed designs

ELEMENT**PERFORMANCE CRITERIA**

4.5 Development process is finalised and relevant documentation is completed

Required Skills and Knowledge

This describes the essential skills and knowledge and their level, required for this unit.

Demonstrates knowledge of:

- elements and principles of design
- trends in industry, and global and local trends
- range of yarns, including weight and other characteristics
- research sources
- measuring and costing of textile materials and yarns
- relevant OHS legislation, regulatory requirements, copyright obligations and codes of practice
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- develop and present design concepts
- produce illustrations manually or using computer aided design systems
- cost a range
- communicate effectively with individuals, work groups and supervisors
- select, interpret and apply procedures and processes
- prepare and present reports and information in appropriate formats
- consistently achieve quality and production requirements
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- sequence operations
- meet specifications
- clarify and check task-related information
- carry out work according to OHS practices

Evidence Guide

The Evidence Guide provides advice on assessment and must be read in conjunction with the Performance Criteria, Required Skills and Knowledge, the Range Statement and the Assessment Guidelines for the Training Package.

Critical aspects of evidence to be considered	Demonstrates skills and knowledge to: • interpret and apply design requirements • identify and interpret design elements, concepts and themes • research information relevant to design and production of product range • make cost calculations and estimates • produce designs and specifications manually or by use of computer aided design systems • use presentation tools to communicate ideas and designs • communicate effectively with clients and design team • apply OHS practices in work operations • maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: • organising work • completing tasks • identifying improvements • using workplace practices • using OHS practices • recording and reporting accidents and incidents • assessing operational readiness of equipment used and work processes • recognising and adapting to cultural differences in the workplace, including modes of behaviour and interactions • completing work systematically with attention to detail without damage to goods and equipment
Resource implications	Access is required to real or appropriately simulated situations, including work areas, materials and equipment, and to information on workplace practices and OHS practices.
Context for assessment	Assessment may occur on the job or in an appropriately simulated environment.
Interdependent assessment	This unit may be assessed independently or in combination with other relevant units.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the Performance Criteria, is detailed below. Add any essential operating conditions that may be present with training and assessment depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts.

Legislative/regulatory requirements	All work must comply with relevant Federal and State or Territory legislative or regulatory requirements.
Textile product range may include	• industrial products, eg protective textiles • household products, eg tableware, manchester, cleaning cloths • leisure products, eg camping and outdoor equipment • artworks • fabrics • fashion accessories
Design requirements may include	• end uses of product • budget requirements • production requirements • timelines • client requirements • workplace requirements • quality requirements • style, feature requirements
Presentation tools include	• story boards • models • computer-aided drawings • textile or yarn samples
OHS practices	OHS practices must include hazard identification and control, risk assessment and implementation of risk reduction measures specific to the tasks described by this unit and may include: • manual handling techniques • standard operating procedures • personal protective equipment • safe materials handling • taking of rest breaks • ergonomic arrangement of workplaces • following marked walkways • safe storage of equipment • housekeeping • reporting accidents and incidents

- other OHS practices relevant to the job and enterprise

Unit Sector(s)

Sector Textile Design and Development