



Australian Government

Department of Education, Employment and Workplace Relations

LMTTD4012A Analyse use of colour in textiles

Revision Number: 1

LMTTD4012A Analyse use of colour in textiles

Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to analyse and apply colour theory to the design process for textile products.

Application of the Unit

Application of the Unit The unit applies to the analysis of colour theory principles and elements and experimentation with colour to inform textile design process and produce new colour schemes. Work is supervised and 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 communication skills to interpret and present information relating to colour use in textile design. Problem solving and initiative and enterprise will be used to determine suitable use of colour. Planning and organising will be required to organise colour information.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Prerequisites LMTCL2003B
LMTTD4013A

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 Analyse effects of colour used in textiles	1.1 Effects of colour <i>dimensions</i> are examined. 1.2 Relationship of colour theory to textile design process is identified. 1.3 <i>Visual or optical effects of colour</i> are analysed. 1.4 Samples of textile products that demonstrate different visual effects are collected and compared
2 Analyse suitable <i>colour combinations</i> for use in textile design	2.1 Colour combinations are developed using computer software or manual processes 2.2 Colour wheel and colour charts are used to assist colour investigations 2.3 New colour schemes are identified and illustrated
3 Consider use of colour in textile design	3.1 Different colour uses are identified and compared for impact. 3.2 Colour forecasting options are investigated. 3.3 Colour investigations are documented for future reference.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- sequence of operations
- OHS practices including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- prepare and use colour wheels and colour charts using appropriate tools and equipment
- read, interpret and follow information on work specifications, standard operating procedures and work instructions, and other reference material
- maintain accurate records
- communicate within the workplace
- 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: <ul style="list-style-type: none">• identify uses of colour in textile designs• using a given piece of fabric, colour match all components to complement, such as zip, buttons, threads, linings and other appropriate trims• document colour investigations• apply OHS practices in work operations• maintain accurate records
Consistency in performance	Consistently applies skills and knowledge when: <ul style="list-style-type: none">• 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 and 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.
Dimensions of colour may include	<ul style="list-style-type: none"> • value or tone • hue • chroma, intensity and clarity
Visual or optical effects may include	<ul style="list-style-type: none"> • size • density • value • visual mixing • simultaneous contrast • motion • texture
Colour combinations may include	<ul style="list-style-type: none"> • complementary or contrasting • analogous or harmonious • triad • monochromatic
OHS practices	<p>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:</p> <ul style="list-style-type: none"> • 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