



Australian Government

Department of Education, Employment and Workplace Relations

LMTFD2005B Identify design process for fashion designs

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor This unit covers the skills and knowledge to identify the elements and principles of the design process for fashion, including colour.

Application of the Unit

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The unit applies to the identification of the elements and principles of design, and how they impact on the process of producing fashion items. It includes impact of colour on the design process in a production environment.

This unit applies to work in a production environment where design decisions impact on the work.

Work is conducted according to defined procedures.

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 skills in problem solving and communication in the use and application of design tools such as colour wheels and charts. Learning and planning and organising skills are used to apply knowledge of the principles and elements of design when developing design tools.

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 Identify <i>design process</i>	1.1 Steps in responding to a design brief are identified. 1.2 Commercial considerations in producing a design are identified.
2 Identify elements and principles of design	2.1 <i>Elements of design</i> are identified. 2.2 <i>Principles of design</i> are identified.
3 Prepare workstation	3.1 <i>Tools and equipment</i> are selected and prepared. 3.2 Workbench and seating are set up according to <i>OHS practices</i> .
4 Identify characteristics of colour and prepare colour chart	4.1 Colour is investigated and <i>dimensions</i> are identified. 4.2 Relationship between value and intensity is identified and a colour chart is painted. 4.3 Colour wheel is prepared according to colour mixing principles. 4.4 Shade scale is prepared according to colour mixing principles. 4.5 <i>Colour matching</i> for production is implemented. 4.6 Colour charts are inspected or checked against quality standards. 4.7 Any changes or adjustments are carried out as required. 4.8 Documentation relating to colour charts is completed.

Required Skills and Knowledge

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

Demonstrates knowledge of:

- characteristics of fabrics used for garment construction
- sequence of operations
- OHS practices, including hazard identification and control measures
- quality practices
- workplace practices
- recording and reporting practices

Demonstrates skills to:

- use software and computing equipment in the investigation of colour
- colour shapes 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	Demonstrates skills and knowledge to: <ul style="list-style-type: none">• prepare workstation before commencing work• prepare a colour wheel• prepare a value chart• using a given piece of fabric, colour match all components to complement, such as zips, buttons, thread, linings and other appropriate trims• use appropriate tools and equipment• apply all quality criteria, such as dimension and neatness, in the completion of the charts• convey all necessary instructions or information by the appropriate use of notes• 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 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.

Design process The design process for this unit comprises an awareness level understanding of the process to respond to a work brief, including researching sources of information, creating art and design work including prototypes and first drafts, and using design tools such as illustrations, software programs, modelling materials, etc. It also includes an awareness of commercial concepts such as:

- type of production
- costs
- timing
- equipment - available and needed
- marketing and sales
- availability of raw materials and required resources

Elements of design may include:

- line
- shape/silhouette
- colour
- texture
- value

Principles of design may include:

- repetition
- pattern
- gradation
- rhythm
- radiation
- harmony
- contrast
- dominance
- proportion
- balance
- unity

Tools and equipment may include:

- colour wheel
- acrylic paints
- paint brushes

	<ul style="list-style-type: none"> • cartridge paper • crayons • watercolours • pencils • colour software and painting programs, including colour features of CAD programs • computers
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
Dimensions of colour include:	<ul style="list-style-type: none"> • value/tone • hue • chroma/intensity/clarity
Colour matching involves:	<ul style="list-style-type: none"> • selecting the correct linings, buttons, zips and thread to exactly match the garment

Unit Sector(s)

Sector Fashion Design and Technology