



Australian Government

CUASCU512 Investigate sculptural materials and processes

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to research and explore a range of sculptural materials and processes to integrate into own sculptural work.

The unit applies to highly skilled visual artists who integrate the use of those different materials and processes explored, to realise a body of creative work which usually includes the creation of three-dimensional (3-D) sculptural forms. They work with a high level of independence seeking mentoring and guidance as required.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Visual Communication – Sculpture

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Research sculptural materials and processes	1.1 Investigate ways other artists have used different sculptural materials and processes 1.2 Research physical properties and capabilities of a range of sculptural materials 1.3 Evaluate how different technical effects are achieved through the combination of different materials and sculptural techniques 1.4 Investigate safety issues associated with different materials and processes 1.5 Collate and store safety and technical data to meet safety requirements for sculpture work

ELEMENT	PERFORMANCE CRITERIA
	1.6 Determine cost and supply issues for different materials
2. Select sculptural materials and processes for exploration	2.1 Discuss characteristics and opportunities of particular sculptural materials and processes with required personnel 2.2 Evaluate creative and professional opportunities offered by different sculptural materials and processes 2.3 Identify and assess limitations and constraints of materials and processes 2.4 Select a range of materials and processes that suit own practice
3. Integrate sculptural materials and processes into own work	3.1 Explore own new and different ways of working with materials and processes 3.2 Assess effects of different materials and processes through experimentation with samples, practice pieces or works in progress 3.3 Resolve technical problems with material use 3.4 Develop own ways of working with materials and processes to create individual style 3.5 Develop a coherent body of sculptural work that shows command of selected sculptural materials 3.6 Use safe work practices for handling materials and disposal of waste
4. Manage sculptural materials	4.1 Establish supply of sculptural materials which meets price, quality and delivery expectations 4.2 Develop ways of working with materials that minimise waste 4.3 Maintain quality and maximise shelf-life of sculptural materials through appropriate handling and storage

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Reading	Interprets and evaluates key information about materials
Oral Communication	Initiates and participates in complex discussions, using language and non-verbal features appropriate to audience and context

SKILL	DESCRIPTION
Numeracy	• Interprets budgetary constraints and supplier prices and calculates order costs
Self-management	• Takes responsibility for compliance with legal requirements associated with creative work
Teamwork	• Encourages contribution of creative and technical ideas from other artists • Fosters a collaborative approach to professional skills development through sharing and receiving knowledge, experience and information with other artists
Planning and organising	• Develops plans to build own artistic knowledge and professional style, identifying and responding to issues as they arise • Takes responsibility for completing own research and creative works from design inception to realisation, managing own time and productivity to sequence stages • Manages own decisions about use of materials through research and selection according to interest

Unit Mapping Information

Supersedes and is equivalent to CUASCU502 Investigate sculptural materials and processes.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1db201d9-4006-4430-839f-382ef6b803d5>

Assessment Requirements for CUASCU512 Investigate sculptural materials and processes

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- investigate at least two different sculptural materials and processes to create a coherent body of sculptural work.

In the course above, the candidate must:

- research the properties, capabilities and use of an extensive range of sculpture materials
- create sculptural work which demonstrates:
 - new or refined ways of working with materials through a process of experimentation
 - technical proficiency in the use of selected materials and processes
 - integration of materials and processes into own style
 - use of safe and sustainable work practices.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- intellectual property requirements relevant to producing sculptural works
- reliable information sources about sculptural materials
- physical properties, characteristics, capabilities and storage requirements of a wide range of materials used to create sculpture
- how different materials and sculptural techniques combine to achieve different technical effects
- ways to use, adapt, combine and challenge the capabilities of an extensive range of sculptural materials to develop an individual professional style
- suppliers for an extensive range of sculptural materials used in professional practice
- function of safety data sheets
- key safety requirements for sculpture work.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- equipment, tools and materials used to produce sculptures
- credible information sources.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational and training legislation, frameworks and/or standards.

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