



Australian Government

CUACER403 Experiment with ceramic surface treatments

Release: 1

CUACER403 Experiment with ceramic surface treatments

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Application

This unit describes the skills and knowledge required to proactively experiment with various ceramic surface treatments and design concepts to decorate a range of ceramic pieces.

It applies to individuals who are still developing technical skills and a personal repertoire of treatments. Individuals often produce work at a pre-professional level for sale in outlets such as markets and fairs. They work independently with limited supervision and guidance as required.

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

Unit Sector

Visual communication – ceramics

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. Develop ideas for ceramic surface treatments	1.1 Discuss, with key people, creative goals for own surface treatment work 1.2 Research, adapt and use relevant ideas and approaches from other practitioners and comply with intellectual property requirements 1.3 Use knowledge of different ceramic surface treatments to inform ideas 1.4 Consider how different surface treatment techniques and ideas can best work together 1.5 Assess the professional potential and presentation requirements

ELEMENT	PERFORMANCE CRITERIA
	for own ceramic work to inform ideas 1.6 Refine and confirm ideas based on experimentation, research and collaboration with others
2. Extend ceramic surface treatment skills	2.1 Evaluate potential for new approaches to surface treatments based on known capabilities of techniques already used 2.2 Adapt or introduce new equipment, tools and materials for to achieve different effects 2.3 Extend own capability with different treatments through experimentation on samples, practice pieces or work in progress 2.4 Assess safety and sustainability considerations for ceramic surface treatment work
3. Apply surface treatments	3.1 Coordinate required resources and set up according to safety requirements 3.2 Create surface treatments using techniques and media selected from research and experimentation, considering and applying elements and principles of design 3.3 Review and refine ideas and approaches based on ongoing experience with own work production 3.4 Modify applications according to required effect, and identify and resolve technical problems with surface treatments 3.5 Label ceramic surface treatment materials and store safely 3.6 Handle equipment, tools and materials safely; minimise and safely dispose of waste throughout production of ceramic work 3.7 Document development of own work and the research and ideas that informed it
4. Evaluate own work	4.1 Reflect on own conceptual development and technical execution of the work 4.2 Identify areas for future skill improvement and options to learn 4.3 Discuss completed work with others and consider all feedback

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Learning	4.2	Identifies own skills gaps and may initiate a learning plan to progress professional career
Reading	1.2	Interprets and evaluates complex and unfamiliar information to support design ideas
Writing	3.5, 3.7	- Records basic details of surface treatment materials on labels - Uses clear, specific and industry related terminology to document a comprehensive record of research, conceptual idea development and production
Oral Communication	1.1, 4.3	- Clearly represents ideas for designs and techniques using relevant industry and conceptual language - Uses questioning and active listening techniques to elicit different perspectives about creative ideas and feedback, and to confirm understanding
Numeracy	3.1	Uses basic calculations to determine required quantities of equipment, tools and materials
Navigate the world of work	1.2, 2.4, 3.1, 3.6	Takes responsibility for compliance with legal, safety and sustainability practices associated with creative work
Interact with others	1.1, 1.6, 4.3	- Discusses design concepts and collaborates with other artists to generate new ideas and solutions to achieve best outcomes for own creative work - Engages in an open conversation to elicit and consider the merit of feedback from peers and others to enhance future performance
Get the work done	1.2-1.6, 2.1-2.3, 3.1-3.4	- Takes responsibility for completing own creative works from design inception to realisation, efficiently and logically sequencing the stages of preparation and production - Manages own decisions about appropriate design ideas and techniques by experimentation with a range of explored options - Resolves problems with technique through experimentation and analysis - Reviews work in progress resolving problems through refinement of approach - Creates opportunities to use a more innovative approach and personal style

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
CUACER403 Experiment with ceramic surface treatments	CUVCER403A Experiment with ceramic surface treatments	Updated to meet Standards for Training Packages and clarify intent. Minor edits to performance criteria.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for CUACER403 Experiment with ceramic surface treatments

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Performance Evidence

Evidence of the ability to:

- use a process of thorough research and experimentation to confirm ideas for own work
- identify and acquire resources required to complete chosen work
- adapt and use a range of surface treatment techniques to create a single major work or multiple ceramic pieces that:
 - shows technical proficiency in chosen techniques
 - reflects understanding of elements and principles of design
 - demonstrates innovation and the emergence of an individual style
- review and document the research and development process.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- describe intellectual property requirements relevant to producing ceramic works
- summarise methods used to research creative and technical approaches to surface treated ceramic work
- explain how the works of other practitioners may be used to inform individual practice
- describe the role of experimentation in developing and refining ideas for surface treatment work and how it relates to the development of an individual style
- explain ways to adapt, extend and combine the capabilities of a wide range of surface treatment techniques
- describe, for the elements and principles of design, the detailed characteristics, key interrelationships, use in surface treated ceramic work and how they may be challenged
- list and describe the physical properties and capabilities of a wide range of materials used to produce ceramic work

- list suppliers of resources for professional ceramic practice with particular emphasis on surface treatment materials
- describe practices and procedures for working safely and sustainably with materials, tools and equipment for producing ceramic works.

Assessment Conditions

Assessment must be conducted in a safe environment where evidence gathered demonstrates consistent performance of typical activities experienced in creative arts industry environments. The assessment environment must include access to:

- equipment, tools and materials used to produce surface treated ceramic work
- relevant 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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