



Australian Government

CUACER413 Experiment with ceramic surface treatments

Release: 1

CUACER413 Experiment with ceramic surface treatments

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 proactively experiment with various ceramic surface treatments and design concepts to decorate a range of ceramic pieces. It involves generating different ideas, developing ceramic surface treatment skills and applying treatments to ceramic surfaces.

The unit applies to those 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 creative goals for own surface treatment work with others 1.2 Research, adapt and use applicable ideas and approaches from other practitioners 1.3 Develop ideas using knowledge of different ceramic surface treatments 1.4 Examine how different surface treatment techniques and ideas can meet work requirements 1.5 Assess the professional potential and presentation

ELEMENT	PERFORMANCE CRITERIA
	requirements 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 and 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 and 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 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 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 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 those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	Identifies own skills gaps and takes action to progress professional career
Reading	Interprets and evaluates complex and unfamiliar information to

SKILL	DESCRIPTION
	support design ideas
Writing	- Records basic details of surface treatment materials on labels - Documents a comprehensive record of research, conceptual idea development and production using clear, specific and industry related terminology
Oral Communication	- Clearly represents ideas for designs and techniques using applicable industry and conceptual language - Elicits different perspectives and confirms understanding about creative ideas and feedback using questioning and active listening techniques
Numeracy	Determines required quantities of equipment, tools and materials using basic calculations
Self-management	- Takes responsibility for compliance with legal, safety and sustainability practices associated with creative work - Takes responsibility for completing own creative works from design inception to realisation, sequencing the stages of preparation and production according to work requirements - Manages own decisions about applicable design ideas and techniques by experimenting with different explored option
Teamwork	- 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
Problem-solving	- Resolves problems with technique through experimentation and analysis - Reviews work in progress resolving problems through refinement of approach
Initiative and enterprise	Creates opportunities to use a more innovative approach and personal style

Unit Mapping Information

Supersedes and is equivalent to CUACER403 Experiment with ceramic surface treatments.

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 CUACER413 Experiment with ceramic surface treatments

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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:

- apply a surface treatment to at least two different ceramic works.

In the course of the above, the candidate must:

- 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 different surface treatment techniques that:
 - shows technical proficiency in chosen techniques
 - reflects application of the elements and principles of design
 - demonstrates innovation and the emergence of an individual style
- handle equipment, tools and materials safely throughout application of surface treatments
- minimise and safely dispose of waste throughout application of surface treatments
- review and document the research and development process.

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 applicable to producing ceramic works
- methods used to research creative and technical approaches to surface treated ceramic works
- how the works of other practitioners may be used to inform individual practice
- role of experimentation in developing and refining ideas for surface treatment work and how it relates to the development of an individual style
- ways to adapt, extend and combine the capabilities of different surface treatment techniques

- elements and principles of design: detailed characteristics, key interrelationships, use in surface treated ceramic work and how they may be challenged
- physical properties and capabilities of different materials used to produce ceramic works
- suppliers of resources for professional ceramic practice, including surface treatment materials
- practices and procedures for working safely and sustainably with materials, tools and equipment for producing ceramic works.

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 surface treated ceramic work
- applicable information sources.

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

Links

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