



**Australian Government**

# **Assessment Requirements for CUACER505 Develop and apply ceramic glazes**

**Release: 2**

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## Modification History

Release	Comments
Release 2	This version was released with CUA Creative Arts and Culture Training Package Version 4.1. Minor edits to knowledge evidence.
Release 1	This version first released with CUA Creative Arts and Culture Training Package Version 2.0.

## Performance Evidence

Evidence of the ability to:

- research an extensive range of historical and contemporary glazed ceramic work and techniques to inform own designs
- refine glazing technique through a process of thorough experimentation and problem solving to create a coherent body of glazed ceramic work which:
  - shows a command of chosen advanced glazing methodologies, techniques and tools
  - demonstrates the development and testing of both existing glaze recipes and own formulated recipes
  - supports own ideas for work.

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 copyright, trademarks, design licences and permissions relevant to producing ceramic works
- summarise the main aspects of historical and contemporary glazed ceramics practice and how they can inform own design ideas
- summarise chemical principles relevant to the glaze-making process
- describe ways to make and test a glaze using chemical formulas
- explain glaze analysis techniques, including molecular formulas and percentage analysis
- describe the characteristics, basic composition and function of:

- colouring oxides
- glazes
- slips and engobes
- describe the effects of heat on glaze
- describe ways to identify and correct glaze faults
- explain the properties, characteristics and the effects on glazes of:
  - commercial clay
  - naturally occurring clay
  - materials used in clay bodies
- describe the characteristics of:
  - clay bodies as they dry
  - fired samples at various firing stages
- explain the features of a range of advanced glazing techniques and how they work to achieve different decorative effects in glazed ceramic work
- summarise techniques used to decorate green ware and fired ware surfaces
- outline the benefits and disadvantages of in-glaze, on-glaze and under-glaze decoration
- explain key safety requirements for ceramic work.

## 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 glazed 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.

## Links

Companion Volumes are available from VETNet -

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