



**Australian Government**

# **Assessment Requirements for CUADES422 Research and apply techniques in product design**

**Release: 1**

## Assessment Requirements for CUADES422 Research and apply techniques in product design

### Modification History

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

### 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:

- design two products using at least two different researched product design techniques.

In the course of the above, the candidate must:

- interpret requirements in a design brief in consultation with required personnel
- identify and prepare resources required to respond to the design brief
- test and use different approaches and techniques for the design of products, and document the results of testing
- create a prototype based on selected design approach
- adhere to applicable standards and legislative requirements for the design and manufacture of products.

### 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:

- factors that impact on the selection and use of resources when researching and applying techniques in product design
- materials, tools and equipment, and their capabilities and application to product design and manufacture
- role of experimentation and testing in the design process
- techniques and processes used to test design approaches
- legislation and standards relevant to product design and production.

## 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:

- product design briefs
- equipment, tools and materials used to produce prototypes of products
- a suitable work space.

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

## Links

Companion Volume Implementation Guide is found on VETNet -

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