



Australian Government

Assessment Requirements for CUADIG517 Design digital simulations

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.

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 at least two examples of digital simulations according to different project briefs.

In the course of the above, the candidate must:

- research and generate ideas for technically feasible simulations that meet target audience requirements
- develop draft design specifications for digital simulations that are clear, detailed and technically feasible
- review and seek feedback from required personnel and produce final design specifications.

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:

- typical formats and documentation for presenting simulation designs
- strategies to evaluate designs and respond to feedback to improve designs
- technical parameters of digital simulations, including:
 - algorithms
 - rules
 - laws
 - physical & mathematical formulae
- authoring tools used for digital simulations
- user interfaces used for digital simulations
- ways that technical parameters represent real world processes
- common delivery platforms of simulations
- how intellectual property rights are managed in design of digital simulations.

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:

- briefs for digital simulations on which designs can be based
- access to real-world environments to be simulated
- facilities and resources to develop design simulations
- interaction with others required to demonstrate the performance evidence.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational educational 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>