



Australian Government

Assessment Requirements for CUADIG414 Write and apply scripting language in authoring

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:

- write and apply scripting language in authoring for at least three interactive media products.

In the course of the above, the candidate must:

- identify scripting requirements using design specifications in consultation with required personnel
- create pseudo-code and flowcharts, and structure functional logic prior to coding
- write scripting language code according to functional requirements
- produce clean, logical and well-documented code
- test and de-bug code and confirm interactive functions work without fault.

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:

- ways to address challenges of writing scripts for interactive products
- script libraries and their common uses
- standard de-bugging techniques for interactive products
- different authoring software, scripting languages, scripted elements and event handlers
- different structures used in scripting languages for authoring interactive media products, including Document Object Model (DOM) and Object Oriented Programming (OOP)
- work health and safety requirements when working on computers and keyboards including safe ergonomic practices.

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:

- design specifications
- authoring environment and software.

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>