



**Australian Government**

**Assessment Requirements for  
CUAANM411 Create advanced 3D digital  
models**

**Release: 1**

# Assessment Requirements for CUAANM411 Create advanced 3D digital models

## 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:

- create at least two 3D digital models at a high level of finish.

In the course of the above the candidate must:

- perform to specifications
- meet technical, design and aesthetic requirements
- use animation software and scripting languages
- store 3D models in required file formats using industry naming conventions.

## 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:

- strategies to address typical challenges with creating 3D models
- techniques used in 3D modelling and animation software and scripting languages
- the role of geometry and anatomy when simulating physical realism in modelling
- effect that lighting, colour and composition have when influencing model appearance and characteristics
- scripting languages used in 3D modelling
- required file formats and industry naming conventions
- process of rendering as it applies to different delivery platforms for 3D modelling
- concept of integrity as it applies to 3D modelling
- process for checking compliance with copyright requirements
- work health and safety requirements relating to working with computers and keyboards.

## 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:

- production documents and briefs
- interaction with others required to demonstrate the performance evidence
- 3D modelling 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>