



Australian Government

Assessment Requirements for CUAANM303 Create 3D digital models

Release: 1

Assessment Requirements for CUAANM303 Create 3D digital models

Modification History

Release	Comments
Release 1	This version first released with CUA Creative Arts and Culture Training Package version 2.0.

Performance Evidence

Evidence of the ability to:

- create 3D digital models that meet design requirements and production deadlines
- collaborate with others to clarify requirements, discuss techniques, select modelling software and review models
- use 3D modelling software proficiently to build models and apply various modelling effects
- correctly store 3D models in appropriate file formats using industry naming conventions.

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:

- outline the stages in the production process from initial design through to finished product
- outline basic modelling principles used to build 3D digital models
- explain how geometry is used to create scale, form, weight and volume in 3D models
- describe the concept of integrity as it applies to 3D modelling
- explain the relationship between topology and deformation
- describe the process of rendering as it applies to 3D modelling
- outline intellectual property considerations if using images from external sources
- outline work health and safety standards as they apply to using screens and keyboards for extended periods of time.

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:

- production documentation
- software for producing 3D digital models
- interaction with others.

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 guides are found in VETNet -

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