Assessment Requirements for CUAANM313 Create 3D digital models

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:

- create at least two 3D digital models that meet design requirements and production deadlines.

In the course of the above, the candidate must:

- 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
- adopt safe ergonomic practices when using screens and keyboards for extended periods of time
- correctly store 3D models in appropriate 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:

- stages in the production process from initial design through to finished product
- basic modelling principles used to build 3D digital models
- methods of using geometry to create scale, form, weight and volume in 3D models
- standard file naming conventions for saving and storing 3D models
- concept of integrity as it applies to 3D modelling
- relationship between topology and deformation
- processes of rendering as it applies to 3D modelling
- processes for using digital modelling software
- intellectual property and copyright considerations if using images from external sources
- work health and safety requirements relating to using screens and keyboards for extended periods of time.

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 documentation
- software for producing 3D digital models
- 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