



Australian Government

Assessment Requirements for ICTGAM545 Manage technical art and rigging in 3-D animations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

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, implement and manage rigs for objects according to production documentation and organisational procedures on at least two occasions.

In the course of the above, the candidate must:

- use and refine skeleton/structural and animation controls for optimal performance
- construct hierarchies to formulate specific controls
- combine and refine object geometry to skeletal/structural rigs
- create 3-D digital animated sequences of a rigged model
- meet production deadlines.

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:

- basic 3-D digital animation methodologies for managing technical art and rigging in 3-D animation
- features of a range of delivery platforms applicable to managing technical art and rigging in 3-D animation
- geometry topology analysis procedure and methodology
- procedures for identifying physical attributes to animate and manage technical art and rigging in 3-D animation
- rigged 3-D modelling techniques
- theory of anatomy and structural systems in relation to 3-D animation techniques.

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:

- computer hardware and software
- games engine
- file storage
- organisational procedures applicable to managing technical art and rigging in 3-D animations.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>