



Australian Government

Assessment Requirements for MEM19042

Render images using computer graphics software

Release: 1

Assessment Requirements for MEM19042 Render images using computer graphics software

Modification History

Release 1. Supersedes and is equivalent to MEM19042A Render images using computer graphics software.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include:

- following work instructions, standard operating procedures (SOPs) and safe work practices
- planning the task requirements from the design brief or similar sources
- selecting and confirming appropriate rendering software with relevant personnel
- producing brief responsive renderings
- scheduling of production components
- storing rendered components in an organised manner for any further use.

Note: Where a volume and/or frequency is not specified, demonstration must be provided at least once.

Knowledge Evidence

Evidence required to demonstrate the required knowledge for this unit must be relevant to and satisfy the requirements of the elements and performance criteria and include knowledge of:

- safe work practices and procedures
- features of rendering software packages used in the design industry
- equipment and media options
- planning tasks
- pre-rendering optimisation tasks
- industry software programs and their features and applications
- personnel to consult for advice and confirmation of the rendering application
- techniques, including the following:
 - 3D modelling
 - 3D animation
 - lighting
 - shading
 - texturing
- purpose of rendering

- appropriate file sizes and file formats.
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Assessment Conditions

- Assessors must:
 - have vocational competency in rendering images using computer graphics software at least to the level being assessed with relevant industry knowledge and experience
 - satisfy the assessor requirements in the *Standards for Registered Training Organisations 2015* or its replacement and comply with the *National Vocational Education and Training Regulator Act 2011*, its replacement or equivalent legislation covering VET regulation in a non-referring state/territory as the case requires.
- Where possible, assessment must occur in operational workplace situations. Where this is not possible or where personal safety or environmental damage are limiting factors, assessment must occur in a sufficiently rigorous simulated environment that reflects realistic operational workplace conditions. This must cover all aspects of workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.
- Conditions for assessment must include access to all tools, equipment, materials and documentation required, including relevant workplace procedures, product and manufacturing specifications.
- Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate
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Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b7050d37-5fd0-4740-8f7d-3b7a49c10bb2>