Assessment Requirements for ICTICT519 Develop detailed component specifications from project specifications

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:

- develop component specifications for a project on at least two occasions, including:
  - identifying and document high level component specifications relevant to the project specifications
  - analysing and document component connectivity and relationships
  - documenting and review component modelling.

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:

- component design tools, including features and capabilities
- processes for configuration management
- key features of a cost-benefit analysis
- industry accepted design methodologies and hardware and software products, including features and capabilities
- data modelling techniques
- program development methodologies
- quality assurance practices for preparing component models
- standards and organisational policies relating to component specification development
- current system functionality for analysing components.

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:

- technical specifications
- organisational and process goals
- standards for model development
- computer aided software engineering (CASE) tools
- project deliverables
- test plan
- project budget
- software and hardware required for performance evidence.

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