



**Australian Government**

**Assessment Requirements for ICTICT519  
Develop detailed component specifications  
from project specifications**

**Release: 1**

# Assessment Requirements for ICTICT519 Develop detailed component specifications from project specifications

## 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>