



**Australian Government**

**Assessment Requirements for ICTICT502  
Develop detailed component specifications  
from project specifications**

**Release: 1**

## Assessment Requirements for ICTICT502 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 1.0.

### Performance Evidence

Evidence of the ability to:

- identify and document high level component specifications relevant to the project specifications
- analyse and document component connectivity and relationships
- document and review component modelling.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

### Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- outline appropriate design tools and their use
- discuss and explain configuration management
- outline the key features of a cost-benefit analysis
- identify and apply current industry accepted design methodologies and hardware and software products, including broad knowledge of general features and capabilities
- explain data modelling techniques
- describe program development methodologies
- describe quality assurance practices for preparing component models
- outline relevant standards and organisational policies
- specify current system functionality for analysing components.

## Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the general information and communications technology (ICT) industry, and include access to:

- technical specifications
- organisational and process goals
- standards for model development
- computer aided software engineering (CASE) tools
- project deliverables
- test plan
- project budget
- outcomes of the business analysis process
- appropriate software and hardware.

Assessors must satisfy NVR/AQTF assessor requirements.

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>