



Australian Government

Assessment Requirements for ICTICT430 Apply software development methodologies

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:

- select and apply a software development methodology for at least two different subject activities according to organisational standards.

In the course of the above, the candidate must:

- produce documentation as required by chosen methodology.

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:

- key project management skills, techniques and requirements required in applying software development methodologies, including those related to:
 - input and output parameters
 - project plan creation processes
 - task types and applicable control structures
- client business domains and organisational requirements required in applying software development methodologies
- stakeholder roles and degree of stakeholder involvement in development process
- traditional and non-traditional system development methodologies
- key organisational standards and documentation techniques required in applying software development methodologies.

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:

- hardware, software and its components required to apply software development methodology
- design specifications
- industry standard system development methodologies
- organisational standards
- detailed user requirements document, including model and scope for given activity.

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>