Assessment Requirements for ICTPRG439 Use pre-existing components

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:

- identify, evaluate and select at least two existing components to be re-used in a software project.

In the course of the above, the candidate must:

- identify costs of incorporating existing components
- address technical impacts and vendor licensing issues
- document selection and evaluation processes
- test functionality of pre-existing components
- comply with organisational guidelines and procedures.

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:

- industry development and design methodologies
- re-use component licensing agreements, requirements and implementation costs
- project designs that may assist in using pre-existing components
- library content and structures
- documentation techniques used to document selection, evaluation and decision processes
- project testing methods that may assist in determining pre-existing components
- re-use component dependency and version compatibility
- repository tools applicable to using pre-existing components
- organisational guidelines and procedures applicable to using pre-existing 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:

- software development environment
- libraries and re-use components
- vendor licensing agreements
- technical requirement guidelines
- required hardware and its components.

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