



Australian Government

Assessment Requirements for ICTPRG513 Coordinate the build phase of an ICT system

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 1.0.

Performance Evidence

Evidence of the ability to:

- analyse and confirm that the development environment matches the project documentation, and meets standards
- select the development tools
- determine work units based on the design
- delegate work units to appropriate developers
- brief developers on standards, procedures, schedules and other requirements
- implement project management techniques to ensure that tasks are completed on time, and according to requirements
- implement and test changes to the development environment, and document the outcomes
- update the project documentation for the development environment.

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:

- identify the client business domain, to inform the system build
- describe the client-server architecture
- describe the current industry-accepted coding in a recognised language, including features and capabilities
- summarise current industry-accepted database management system (DBMS) modelling techniques
- identify and describe current industry-accepted hardware, and software products, including their general features and capabilities
- describe the principles of contemporary databases development, and their application

- describe the quality assurance practices required for the build phase of information and communications technology (ICT) systems.

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 programming and software development industry, and include access to the:

- design specification
- software requirement specifications
- system requirements
- technical specifications
- version-control standards.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>