Assessment Requirements for ICTPRG418 Apply intermediate programming skills in another language

Assessment Requirements for ICTPRG418 Apply intermediate programming skills in another language

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:

- design and build application programs in response to a user specification, including:
    - coding using user-defined data structures and standard algorithms
    - debugging and testing the code
    - producing technical documentation of activities and completed application.

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:

- describe in detail:
    - dynamic variables
    - medium-size application development
    - standard array and file handling algorithms
    - user-defined data structures
- describe a limited range of development methodologies and their application
- outline the principles of language development.

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 field of work and include access to:

- software development environment

- technical requirements.

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