ICTSS00144 Programming Skills for Intermediate Roles Skill Set

Release 1

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Modification History

Release	Comments
Release 1	This version first released with the Information and Communications Technology Training Package Version 8.0. Newly created to serve as a stackable skill set that builds towards attaining *ICT50220 Diploma of Information Technology.* The units in this skill set comprise the mandatory units required for a specialisation in Advanced programming in *ICT50220 Diploma in Information Technology.*

Description

This skill set addresses the skills and knowledge required to build interfaces and models using a diverse range of programming languages in intermediate roles.

Pathways Information

The units provide credit towards ICT50220 Diploma in Information Technology and other qualifications that allow for selection of these units. The units in this skill set comprise the mandatory units required for a specialisation in advanced programming in ICT50220 Diploma in Information Technology. Users are advised to consult the skill set pathways section of the current version of ICT Companion Volume Implementation Guide to confirm the currency of this information and for further guidance.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this skill set at the time of publication.

Skill Set Requirements

ICTPRG535 Build advanced user interfaces

ICTPRG547 Apply advanced programming skills in another language

ICTPRG549 Apply intermediate object-oriented language skills

ICTPRG554 Manage data persistence using noSQL data stores

ICTPRG556 Implement and use a model view controller framework

Target Group

This skill set is for individuals who work in intermediate programming roles, including advanced application programmers, and other related roles, who are responsible for independently completing advanced programming activities using a diverse range of programming languages.

Suggested words for Statement of Attainment

These units of competency from the ICT Information and Communications Technology Training Package meet industry requirements for a range of intermediate roles that conduct programming activities using diverse programming languages in ICT contexts.