



Australian Government

ICTSS00162 Programming Skills for Advanced Roles Skill Set

Release 1

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Modification History

Release	Comments
Release 1	<p>This version first released with the Information and Communications Technology Training Package Version 8.0.</p> <p>Newly created to serve as a stackable skill set that builds towards attaining <i>ICT60220 Advanced Diploma of Information Technology</i>. The units in this skill set comprise the mandatory units required for a specialisation in Further programming in <i>ICT60220 Advanced Diploma in Information Technology</i>.</p>

Description

This skill set addresses the skills and knowledge required to manage data persistence and complex programming activities using a diverse range of programming languages in advanced roles.

Pathways Information

The units provide credit towards ICT60220 Advanced 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 further programming in ICT60220 Advanced 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

ICTPRG537 Implement security for applications

ICTPRG547 Apply advanced programming skills in another language

ICTPRG554 Manage data persistence using noSQL data stores

Target Group

This skill set is for individuals who work in advanced programming roles, including advanced application programmers, and other related roles, who are responsible for independently leading advanced programming activities and implementing security controls, 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 advanced ICT roles that manage data persistence and complex programming activities using a diverse range of programming languages.