Australian Government

ICTSS00164 Systems Development and Analysis for Advanced 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 *ICT60220 Advanced Diploma of Information Technology*. The units in this skill set comprise the mandatory units required for a specialisation in Systems development and analysis in *ICT60220 Advanced Diploma in Information Technology.*

Description

This skill set addresses the skills and knowledge required to analyse stakeholder requirements, manage the development of technical solutions, and manage the lifecycle of containers and related systems analysis activities in dynamic environments 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 systems development and analysis 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

ICTPRG605 Manage development of technical solutions from business specifications

ICTSAD610 Analyse stakeholder requirements

ICTSAD612 Implement and maintain uses of containerisation

ICTSAD613 Install and configure container orchestration services

Target Group

This skill set is for individuals who work in advanced systems analysis and design roles, including senior software developers, and other related roles, who are responsible for independently managing stakeholder requirements, and systems analysis and development activities in dynamic environments.

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 advanced systems analysis and design activities in workplace contexts.