



Australian Government

ICTSS00165 Telecommunications Network Engineering 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 <i>ICT60220 Advanced Diploma of Information Technology</i>. The units in this skill set comprise the mandatory units required for a specialisation in Telecommunications network engineering in <i>ICT60220 Advanced Diploma in Information Technology</i>.

Description

This skill set addresses the skills and knowledge required to manage telecommunications, evaluate the applicability of regulations and legislation to work activities, and troubleshoot advanced integrated IP networks across diverse ICT projects 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 telecommunications network engineering 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

ICTNPL413 Evaluate networking regulations and legislation for the telecommunications industry

ICTNWK612 Plan and manage troubleshooting advanced integrated IP networks

ICTPMG613 Manage ICT project planning

ICTTEN615 Manage network traffic

ICTTEN622 Produce ICT network architecture designs

Target Group

This skill set is for individuals who work in telecommunication management roles, including senior network designers, and other related advanced roles, who are responsible for independently supporting telecommunications network engineering activities when managing ICT projects in workplace 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 telecommunications network engineering activities in diverse ICT contexts.