



Australian Government

**UEESS00142 Data Communications – Plan
an Integrated Cabling Installation System
Skill Set**

Release 1

UEESS00142 Data Communications – Plan an Integrated Cabling Installation System Skill Set

Modification History

Release 1: This is the first release of this Skill Set in the UEE Electrotechnology Training Package.

This Skill Set replaces and is equivalent to UEESS00118 Data Communications – Plan an integrated cabling installation system.

Description

This Skill Set covers planning of cable routes for intelligent power and lighting, information and communications, entertainment systems, distributed video and audio; energy management and control; security and safety; digital home health; and age and assisted living.

This unit encompasses determining immediate and future cabling needs of an installation and their origins and termination points, planning cable routes, specifying cable types, sizes, fixing/support methods and cable identification systems and documenting cabling plans based on calculated and/or deemed-to-comply solutions as well as the planning of the wiring hub, as required.

The Skill Set encompasses working safely and to industry standards and specifications and completing necessary documentation.

Pathways Information

The units of competency in this Skill Set will contribute to the completion of relevant Certificate III, Certificate IV, Diploma and Advanced Diploma qualifications from the UEE Electrotechnology Training Package.

Entry Requirements

It is essential that persons undertaking this Skill Set must already hold:

- Australian Communications and Media Authority (ACMA) ‘Open’ Cabling Registration.

Licensing/Regulatory Information

Not applicable.

Skill Set Requirements

A total of **2 units** of competency must be attained.

- UEECD0025 Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits
- UEECD0028 Plan an integrated cabling installation system

Target Group

This Skill Set is intended for persons who are required to plan an integrated cabling installation system.

Suggested words for Statement of Attainment

This Skill Set from the UEE Electrotechnology Training Package meets the industry requirements for planning an integrated cabling installation system.

Custom Content Section

Not applicable.