



Australian Government

UEESS00177 Data Communications – Plan an Integrated Cabling Installation System - Electricians Skill Set

Release 1

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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 UEESS00120 Data Communications – Plan an integrated cabling installation system - Electricians Skill Set.

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; age and assisted living.

This Skill Set 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 if 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 the following:

- Australian Communications and Media Authority (ACMA) ‘Open’ Cabling Registration OR
- a current electrical licence issued in an Australian state or territory.

Licensing/Regulatory Information

Not applicable.

Skill Set Requirements

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

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| 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 - electrical 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.