



Australian Government

UEESS00170 Install and Modify Performance Data Communication Optical Fibre Cabling 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 UEESS00051 Data Communications - Install and Modify Performance Data Communication Optical Fibre Cabling.

June 2025: Skill set requirements appended to description as a change without release to preserve content in migration to new training package authoring system.

Description

This Skill Set is for persons who are required to install and modify performance data communication optical fibre cabling.

Detailed Skill Set Requirements

The following **units** of competency must be attained.

UEECD0007	Apply work health and safety regulations, codes and practices in the workplace
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UEECD0019	Fabricate, assemble and dismantle utilities industry components
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UEECD0020	Fix and secure electrotechnology equipment
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UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications
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UEEDV0005	Install and maintain cabling for multiple access to telecommunication services
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UEEDV0006	Install and modify optical fibre performance data communication cabling
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AND

UEECD0043	Solve problems in direct current circuits
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OR

UEECD0044	Solve problems in multiple path circuits
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UEECD0046	Solve problems in single path circuits
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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.

Licensing/Regulatory Information

Not applicable.

Skill Set Requirements

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UEECD0007	Apply work health and safety regulations, codes and practices in the workplace
UEECD0019	Fabricate, assemble and dismantle utilities industry components
UEECD0020	Fix and secure electrotechnology equipment
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications
UEEDV0005	Install and maintain cabling for multiple access to telecommunication services
UEEDV0006	Install and modify optical fibre performance data communication cabling
AND	
UEECD0043	Solve problems in direct current circuits
OR	
UEECD0044	Solve problems in multiple path circuits
UEECD0046	Solve problems in single path circuits

Target Group

This Skill Set is available to persons wishing to undertake work in telecommunication cabling requiring Australian Communications and Media Authority (ACMA) ‘Open’ Cabling Provider Registration with Fibre Optic endorsement.

Note:

This Skill Set meets the minimum ACMA ‘prescribed level of knowledge and skill that safeguards matters of health, safety, network integrity and addresses matters of interoperability

where customer equipment and standard telephone service are involved' for ACMA 'Open' Cabling Provider Registration with fibre optic endorsement.

Suggested words for Statement of Attainment

This Skill Set from the UEE Electrotechnology Training Package meets the industry requirements for installing and modifying performance data communication optical fibre cabling.

Custom Content Section

Not applicable.