

CAPABILITY DEVELOPMENT TRAINING COURSES 2025/26

Micro-credential in Overhead Line Design – Individual Modules

OLD-010 Line Design Principles

Use engineering principles and methods to determine the safety and performance levels of overhead electricity distribution system components in New Zealand, under a given set of variables. This module provides foundational theory which is prerequisite to further study in overhead line design. The module consists of four sections, with assessment involving participants answering a series of knowledge-based questions (duration 50hrs).

OLD-020 Conductor Solutions

Design a conductor solution for an overhead distribution line, using a whole of life design approach, and in accordance with sound Safety in Design (SiD) principles (duration 30hrs).

OLD-030 Insulator Solutions

Design an insulator solution for an overhead distribution line, using a whole of life design approach, and in accordance with sound Safety in Design (SiD) principles (duration 30hrs).

OLD-050 Cross-arm Solutions

Design a cross-arm solution for an overhead distribution line, using a whole of life design approach, and in accordance with sound Safety in Design (SiD) principles (duration 20hrs).

OLD-060 Stay Solutions

Design a stay solution for an overhead distribution line, using a whole of life design approach, and in accordance with sound Safety in Design (SiD) principles (duration 30hrs).

OLD-080 Line Design Practice (portfolio-based assessment)

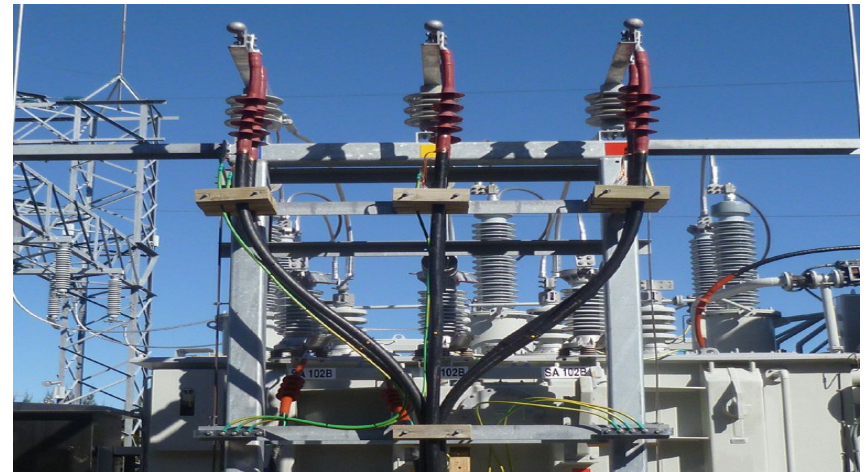
OLD-080 Line Design Practice is a capstone (final) assessment, involving the submission and assessment of a portfolio of your own work for those wishing to be awarded the EEA Micro-credential in Overhead Line Design.

Participants most likely to benefit from this course will be overhead line design professionals wishing to increase the scope of their technical knowledge, or overhead line operators studying with a view to transition into overhead line design practice.

The design submitted will be required to meet a range of criteria to be provided in advance. Participants are then expected to prepare their own individual designs in their workplace and submit them for assessment.

The module should take participants approximately 50 hours to complete, with participants required to achieve a grade of 75% to be endorsed with the Line Design Practice module.

Line Design Practice is open to anyone, but to complete the micro-credential candidates must complete OLD-010, OLD-080 and at least one of the technical modules (OLD-020 to OLD-060).



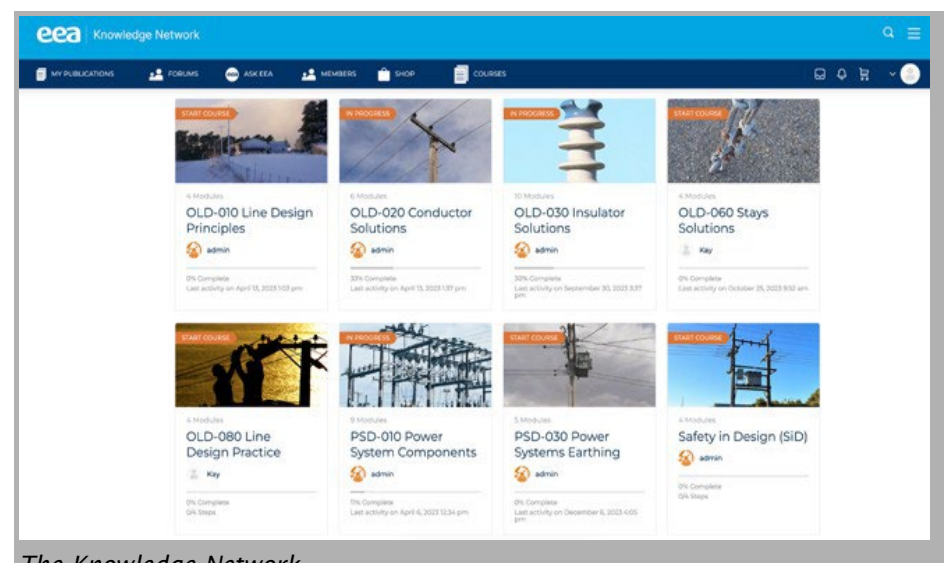
How to access the Knowledge Network and EEA courses

Course information

All course information including dates and prices and links for course registration are available on the Professional Development section of the EEA website.

Some courses or modules can be started at any time of the year, while others need a minimum number of attendees to start as a cohort together to allow for collaboration and group work. For these courses, once we reach enough registrations, we will confirm the start date with you.

You can also email us admin@eea.co.nz to let us know you are interested in a future course.



The Knowledge Network

Completing your course

Most EEA courses and modules are hosted on the EEA's Knowledge Network and after registration you'll get an email letting you know how to login to the system to begin your course. We'll let you know the next steps as you progress through your course work.

Cancellation Policy

If you cancel at least 10 business days before the course commences, you will receive a full refund, minus a non-refundable \$100 administration fee. If you have not paid for your course, you will receive an invoice for the \$100 administration fee. If you cancel within 10 business days of the course starting date, you will be charged the full fee, even if you have not yet paid. A replacement attendee is an alternative option, but please let us know prior to the course start. Non-payment does not constitute a cancellation.

Contact details

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