Energy Auditor "Live" Classroom Training

Course overview and content

This comprehensive 2-day Energy Auditor course provides essential knowledge and practical skills for conducting energy audits effectively. It covers the scope, standards and types of energy audits, their applications and the key requirements for energy auditors.

Participants will gain insights into roles and responsibilities, audit planning, site visits, data analysis, reporting and contractor engagement. The course also includes post-audit follow-ups, with a strong focus on achieving energy and carbon savings.

Learning outcomes

By attending this course, participants will:

- Understand the energy audit standards (AS/NZS 3598:2014) and their applications.
- Learn the requirements and responsibilities of an energy auditor, including necessary knowledge and experience.
- Identify key stakeholders in an energy audit and their respective roles.
- Develop the skills to conduct an energy audit step by step.
- Analyse the relationship between energy savings and carbon savings.
- Gain practical knowledge of audit execution, data collection and reporting.

Who should attend?

This course is ideal for professionals with prior energy audit experience. Participants should have a foundational understanding of:

- Basic mathematics and physics related to energy and thermodynamics.
- Familiar with electrical engineering principles, including electrical circuits and power factor.
- An understanding of energy systems (e.g., HVAC, lighting), heat transfer mechanisms and insulation properties.
- Awareness of sustainability principles and the environmental impact of energy use.
- Basic economic concepts, such as cost-benefit analysis and payback periods.
- Technical skills, including the use of measurement tools, interpretation of technical diagrams and data analysis using spreadsheets.

This course is designed for those looking to enhance their auditing expertise and contribute to energy efficiency and sustainability initiatives.

Participant recommendation

To get the most out of the two day course, we strongly recommend participants have copies of each part of AS/NZS 3598:2014.

The parts are:

- Energy Audits - Part 1: Commercial Buildings (People driven)
- Energy Audits - Part 2: Industrial and related activities (Process driven)
- Energy Audits - Part 3: Transport related activities (Vehicle driven)

Please note: There is a cost to purchase the standards, unfortunately due to Standards New Zealand rules CEP is unable to share copies.

Course delivery details

Date:	24th & 25th June 2025 (Tue & Wed)
Times:	9.00am–5:00pm (NZST) includes breaks
CPD:	12 hours (CEP framework)
Venue:	Live online
Trainer:	Dave Taylor (DETA Consulting)

Pricing

CEP Member:	$1,700 per person
Non-Member:	$1,900 per person

(NZD, Excludes GST)

To discuss the relevance of this course for you, your business, team member, individual learning or if you require a letter of support to assist with funding approval, please contact the CEP Office by phone or email.

REGISTER HERE

For full course details and registration visit:

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