



## Short Course Certificate in Solar Hot Water Installation In Partnership with the NZ Solar Industries Association and the Energy Efficiency and Conservation Authority

### Programme 60 hours in total

- **40 hours of independent study time and preparation (Prior to Practical).**
  - The independent study package will need to be returned to Wintec before attendance at the practical weekend will be permitted.
- **20 hours practical at Wintec, Avalon Campus, Hamilton.**
  - The practical course will be run at appropriate dates according to the number of candidates who have completed the independent study package.

### Admission and Entry:

- Open entry to the programme.
- Candidates must be able to demonstrate a working knowledge of plumbing and associated skills.
- Preference will be given to applicants who are Registered Plumbers.
- Total course cost in 2008 is \$811.75 (Domestic student fee) which includes text books and course fees.

### Purpose:

- The Short Course Certificate in Solar Hot Water Installations is a Wintec qualification developed to provide a recognised industry installation certificate for solar water heating systems within New Zealand; The course can lead to one of two certificates;
  - Certificate in Solar Water Heating System Installation – for Registered Plumbers  
OR
  - Certificate in Solar Hot Water System Installation Management – for non-plumbers
- The programme was developed in association with the Solar Industries Association (SIA) and the Energy Efficiency and Conservation Authority (EECA);
- The content was developed to meet the technical standards within AS/NZS 3500, Part 4.2003, AS/NZS 2712, and the SIA Code of Practice for the Manufacture and Installation of SWH Systems in NZ.

### Objectives:

- To provide students with the knowledge and skills to install the main types of solar hot water units.

### Graduate Profile:

On successful completion of the programme, students will be able to:

- Demonstrate knowledge to undertake the design and installation of residential and simple commercial applications.
- Demonstrate an awareness of the safety criteria associated with the installation of SHW units;
- Demonstrate an awareness of the structural integrity and weather tightness issues associated with a roof mounting of a SHW operation;
- Demonstrate knowledge of the relevant building codes and building concepts associated with SHW installations, and an awareness of the process to obtain Building Consents and ensure compliance.

### Contact Details:

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