

Certificate I in Sustainable Energy (Electrotechnology) Qualification Descriptor

Successfully gaining the Certificate I in Sustainable Energy (Electrotechnology) qualification demonstrates that the recipient can work to a standard required in the workplace with the ability to work consciously and efficiently to minimise the use of energy directly in the course of their work. At the same time material usage and wastage will be minimised and materials recycled where appropriate. Being energy conscious is a key attribute in that it is transferable to all work functions, increases employability, and equips the learner with the sustainable energy knowledge and skills that apply to existing and new environments.

Those gaining this qualification will have been deemed competent with the requisite knowledge and skills that will lead to full employment or into exciting career paths in Electrotechnology vocations. They will have also improved their prospects of gaining a career in the Sustainable/Renewable Energy sector of the Electrotechnology industry, as they will be able to carry out an array of functions related to their specific levels of performance.

Career options in Sustainable/Renewable Energy principals and practices within Electrotechnology vocations generally cover such work as design, research, assemble, install, construct, diagnose, maintain, commission, program, test or repair of; networks, systems, circuits, equipment, components, appliances, facilities and the like. These include a range of Renewable/Sustainable Energy techniques and applications within the Electrotechnology industry that use the medium of electronics, electrical, communications including data and information technology, computer systems, instrumentation, refrigeration, and air conditioning.

Career opportunities and paths span from Technical Support; Assembly and Basic Servicing; to Trades; Technicians; or Diploma in Renewable Energy and Advanced Diplomas in Engineering (electrical, electronics, etc.). The Certificate I also confers advanced standing to the Certificate II in Electrotechnology Servicing (*Renewable Energy Specialisation*)