UEE61710 Advanced Diploma of Engineering Technology - Electronic

Release: 1

UEE61710 Advanced Diploma of Engineering Technology - Electronic

Modification History

Not Applicable

Description

Scope
This qualification provides competencies to design and validate/evaluate electronics and/or communication equipment and systems and provide technical advice/sales.

Pathways Information

Not Applicable

Licensing/Regulatory Information

Not Applicable

Entry Requirements

Not Applicable

Employability Skills Summary

Not Applicable

Packaging Rules

Completion requirements

The requirements for awarding this qualification are that the following are successfully achieved:

- All of the Core competency standard units;
- The required number of Stream Core competency standard units;
- The required number of Elective competency standard units as prescribed in the respective Schedule; and
- All the required pre-requisite competency standard units have been met as required.

Core Competency Standard Units

All Core competency standard units to be achieved

UEENEED002B	Assemble, set up and test personal computers
UEENEED004B	Use engineering applications software
UEENEEE001B	Apply OHS practices in the workplace
UEENEEE002B	Dismantle, assemble and fabricate electrotechnology components
UEENEEE007B	Use drawings, diagrams, schedules and manuals
UEENEEE015B	Develop design brief for electrotechnology projects
UEENEEE025B	Solve problems in complex multiple path circuits
UEENEEE034B	Document occupational hazards and risks in electronics
UEENEEE038B	Participate in development and follow a personal competency development plan
UEENEEE046B	Identify effects of energy on machinery and materials in an electrotechnology environment
UEENEEE050B	Undertake computations in an electrotechnology environment
UEENEEH011B	Troubleshoot d.c. power supplies with single phase input
UEENEEH012B	Troubleshoot digital subsystems
UEENEEH039B	Troubleshoot basic amplifiers

UEENEEH046B	Solve fundamental problems in electronic communications systems
UEENEEH069B	Solve problems in electronic circuits
UEENEEH088B	Design and develop electronics/computer systems projects

Stream Core Competency Standard Units

At least 3 of the following competency standard units to be achieved

UEENEEC001B	Maintain documentation
UEENEEC002B	Source and purchase material/parts for installation or service jobs
UEENEEC003B	Provide quotations for installation or service jobs
UEENEEC010B	Deliver a service to customers
UEENEED001B	Use basic computer applications relevant to a workplace
UEENEEE020B	Provide basic instruction in the use of electrotechnology apparatus
BSBINM501A	Manage an information or knowledge management system
BSBWOR502B	Ensure team effectiveness

Elective Competency Standard Units

In accordance with Schedules 3, 4, 5 and 6 which form an integral part of this qualification, achieve a Unit Strand Total of at least 46 of which at least 28 shall be selected from Schedule 5 or higher and not more than 18 from Schedule 4 as specified.

Note: 1.   Pre-requisite pathways shall be identified and met for all elective units selected.

2.   In selecting elective units considerations to career planning advice should be given to units that form part of a pre-requisite pathway for the progression to achieve particular competencies or qualification at a higher level.

3.   Registered training organisations shall also provide information related to the relevant pathway(s) that may be taken to achieve paraprofessional status ("associate membership") with a professional engineering membership organisation.

END OF QUALIFICATION

EE-Oz Training Standards