

## **UEE07 Electrotechnology (revised)**

The revised UEE07 Electrotechnology Training Package was endorsed by the National Quality Council on 27 December 2007 and approved by Ministers on 16 January 2008.

The revised UEE07 Training Package was submitted to VETAB for accreditation on 18 February 2008.

The competencies contained within the Electrotechnology Training Package are diverse, covering tasks within a number of industries including mining, manufacturing, electricity, gas and water supply, construction and communication services.

The first UTE99 Electrotechnology Training Package was endorsed by the National Training Framework Committee on 2 July 1999. This Training Package went through 4 version changes; the first in May 2001, the second in March 2003, the third in March 2004 and the fourth in March 2004. The revised UEE06 Electrotechnology Training Package was conditionally endorsed on 8 October 2006.

After the endorsement of the UEE06, the UEE06 Electrotechnology Training Package Implementation Panel was appointed to facilitate the endorsement of the UEE06 Training Package and continued to oversee further work to meet the NQC's conditions of endorsement.

EE-Oz itself also entered into a contractual obligation with the then Department of Education, Science and Training to undertake a structural review against the requirements of the Training Package Development Handbook of all Training Packages it manages. This included the conditionally endorsed UEE06 Training Package.

In addition to this work by the Implementation Panel, industry also proposed continuous improvement changes to the UEE06 Training Package, particularly with regard to the addition of new units of competency and qualifications for renewable and sustainable energy systems.

Based on industry requirements, following consultation, the ElectroComms and EnergyUtilities Industry Skills Council has made changes to the UEE06 Electrotechnology Training Package. These changes are a result of a comprehensive review of the UEE06 Training Package and represent significant change to the Training Package.

Summary of amendments to the UEE06 Electrotechnology Training Package:

- Amendments to Electronics and Computers Systems units of competency and qualifications;
- Amendments to unit pre-requisites and structure of some qualifications;
- Amendments to Regulatory/Contest of Assessment section in the Assessment Guidelines and the "Critical aspects of evidence" section of each unit to better reflect jurisdictional regulatory requirements;
- Addition of two new qualifications and related units of competency for

- Renewable Energy;
- Revision of units structure to ensure compliance with the Training Package Development Handbook;
- Importation of some units of competency from the MCM04 Competitive Manufacturing Training Package;
- Inclusion of Employability Skills statement tables for all qualifications.

At its final meeting on 28 May 2007, the Implementation Panel reviewed and accepted the recommendations of the works it had commissioned to meet the UEE06 conditions of endorsement.

Further, the Implementation Panel resolved that the breadth and depth of this body of work on the UEE06 Training Package would be sufficient to meet the condition of endorsement and no further review would be necessary until 31 December 2010.

### **Qualification Outcomes:**

UEE10107	Certificate I in ElectroComms Skills
UEE20107	Certificate II in Air-conditioning Split Systems
UEE20207	Certificate II in Business Equipment Servicing
UEE20407	Certificate II in Winding and Assembly
UEE20507	Certificate II in Computer Assembly and Repair
UEE20607	Certificate II in Custom Electronics Assembly and Setup
UEE20707	Certificate II in Data and Voice Communications
UEE20907	Certificate II in Electronic Assembly
UEE21007	Certificate II in Fire Alarms Servicing
UEE21107	Certificate II in Gaming Machines Servicing
UEE21207	Certificate II in Antennae Equipment
UEE21307	Certificate II in Remote Area Essential Service
UEE21407	Certificate II in Remote Area Power Supply Maintenance
UEE21507	Certificate II in Renewable Energy
UEE21607	Certificate II in Security Assembly and Setup
UEE21707	Certificate II in Technical Support
UEE21807	Certificate II in Appliance Servicing – Refrigerants
UEE21907	Certificate II in Electronics
UEE22007	Certificate II in Electrotechnology (Career Start)
UEE22107	Certificate II in Sustainable Energy (Career Start)
UEE30107	Certificate III in Business Equipment
UEE30207	Certificate III in Computer Systems Equipment
UEE30307	Certificate III in Custom Electronics Installations
UEE30407	Certificate III in Data and Voice Communications
UEE30507	Certificate III in Appliance Servicing
UEE30607	Certificate III in Electrical Machine Repair
UEE30707	Certificate III in Switchgear and Control Gear
UEE30807	Certificate III in Electrotechnology Electrician
UEE30907	Certificate III in Electronics and Communications
UEE31007	Certificate III in Fire Protection Control
UEE31107	Certificate III in Gaming Electronics
UEE31207	Certificate III in Instrumentation and Control
UEE31307	Certificate III in Refrigeration and Air-Conditioning
UEE31407	Certificate III in Security Equipment

UEE31507	Certificate III in Rail – Communications and Networks
UEE31707	Certificate III in Hazardous areas – Electrician
UEE31807	Certificate III in Hazardous areas – Instrumentation
UEE31907	Certificate III in Explosion-protected equipment overhaul
UEE32007	Certificate III in Renewable Energy - ELV
UEE40107	Certificate IV in Computer Systems
UEE40207	Certificate IV in Electrical – Data and Voice Communications
UEE40307	Certificate IV in Electrical Installation Inspection and Audits
UEE40407	Certificate IV in Electrical – Instrumentation
UEE40507	Certificate IV in Electrical – Air-Conditioning Systems
UEE40607	Certificate IV in Electrotechnology – Systems Electrician
UEE40707	Certificate IV in Electronics and Communications
UEE40807	Certificate IV in Electrical – Fire Protection Control Systems
UEE40907	Certificate IV in Industrial Electronics and Control
UEE41007	Certificate IV in Energy Management and Control
UEE41107	Certificate IV in Electrical – Lift Systems
UEE41207	Certificate IV in Electrical – Rail Signalling
UEE41307	Certificate IV in Refrigeration and Air-Conditioning Servicing
UEE41407	Certificate IV in Refrigeration and Air-Conditioning Systems
UEE41507	Certificate IV in Video and Audio Systems
UEE41607	Certificate IV in Renewable Energy
UEE41707	Certificate IV in Rail – Communications and Network Systems
UEE41807	Certificate IV in Hazardous areas
UEE41907	Certificate IV in Electrical – Renewable Energy
UEE50107	Diploma of Computer Systems Engineering
UEE50207	Diploma of Electrical and Instrumentation
UEE50307	Diploma of Electrical and Refrigeration and Air-Conditioning
UEE50407	Diploma of Electrical Engineering
UEE50507	Diploma of Electronics and Communications Engineering
UEE50607	Diploma of Refrigeration and Air-Conditioning Engineering
UEE50707	Diploma of Renewable Energy Engineering
UEE50807	Diploma of Research and Development
UEE50907	Diploma of Industrial Electronics and Control Engineering
UEE60107	Advanced Diploma of Electrical Engineering
UEE60207	Advanced Diploma of Electronics and Communications Engineering
UEE60307	Advanced Diploma of Electronic – Technology
UEE60407	Advanced Diploma of Computer Systems Engineering
UEE60507	Advanced Diploma of Computer Systems – Technology
UEE60607	Advanced Diploma of Industrial Electronics and Control Engineering
UEE60707	Advanced Diploma of Refrigeration and Air-Conditioning Engineering
UEE60807	Advanced Diploma of Refrigeration and Air-Conditioning – Technology
UEE60907	Advanced Diploma of Renewable Energy Engineering
UEE61007	Advanced Diploma of Renewable Energy – Technology
UEE61107	Advanced Diploma of Automated Systems Maintenance Engineering
UEE61207	Advanced Diploma of Engineering – Explosion protection
UEE61307	Advanced Diploma of Electrical – Technology

**For further information, contact**

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