

# **UET60109 Advanced Diploma of ESI - Power Systems**

Release: 1



#### **UET60109 Advanced Diploma of ESI - Power Systems**

#### **Modification History**

Not Applicable

## **Description**

Not Applicable

# **Pathways Information**

Not Applicable

# **Licensing/Regulatory Information**

Not Applicable

## **Entry Requirements**

Not Applicable

## **Employability Skills Summary**

Not Applicable

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#### **Packaging Rules**

- a) Completion requirements
- b) The requirements for granting this qualification will be met when competency is demonstrated and achieved for:
- c) 1. All the Core Units, and
- d) 2. A combination of Elective Units selected from Schedule 5 and Schedule 6 Advanced Diploma, where the sum of the weighting value is in accord with that assigned to this qualification and quantified below, **and**
- e) 3. All of any prerequisite requirements.
- f) Core Units All to be completed
- g) h) Use engineering application software UEENEED 004B
- i) j) Apply OHS practices in the workplace UEENEEE 001B
- k) l) Dismantle, assemble and fabricate electrotechnology UEENEEE components 002B
- m) use drawings, diagrams, schedules and manuals UEENEEE 007B
- o) p) Compile and produce an electrotechnology report UEENEEE 024B
- q) r) Provide computational solutions to power engineering UEENEEG problems 047B
- s) t) Solve problems in complex multiple path power circuits UEENEEG 048B
- u) v) Solve problems in complex polyphase power circuits UEENEEG 049B
- w) x) Apply environmental and sustainable energy procedures UETTDRE L01B
- y) z) Working safely near live electrical apparatus as a non UETTDRE electrical worker L04B
- aa) bb)Implement and monitor the organisation's OHS policies

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**UETTDRI** procedures and programs S22B dd)Implement and monitor environmental and sustainable energy cc) management policies and procedures **UETTDRI S23B** ff) Analyse and develop solutions for problems in extra-low ee) UETTDRI voltage, single path circuits **S28A** hh) Analyse and develop solutions for problems in multiple path gg) **UETTDRI** d.c. circuits S29A ii) jj) Analyse and develop solutions for problems in **UETTDRI** electromagnetic circuits S30A

kk) UETTDRI

S31A

ll) Analyse and develop solutions for problems in single and three phase low voltage circuits

#### mm) Electives Units:

- nn) Acquire any combination of Elective Group Units having a total sum of at least 1800 points, of which at least 830 points must be completed from schedule 6. The remaining points can come from schedule 5.
- oo) Core Units in this Qualification cannot be included.
- pp) Schedules 5 to 6 form part of this qualification structure.
- qq) And all of any prerequisite requirements acquired.

rr)

ss)

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