UET60219 Advanced Diploma of ESI - Power Systems
Modification History

Release 1. This is the first release of this qualification in the UET Transmission, Distribution and Rail Sector Training Package

Qualification Description

This qualification provides the skills and knowledge to work in the electricity supply industry (ESI) as a Power System Senior Technical Officer or a Power Distribution System Engineer.

This qualification covers high-level managerial, design, testing and system operation functions in the transmission and distribution sectors of the ESI. These roles may also install, commission, maintain, diagnose and repair the hardware and software of complex power system protection, control and metering systems.

The skills and knowledge described within the units in this qualification may require a licence or permit to practice in the workplace.

Additional and/or other conditions may also apply under state and territory legislative and regulatory licensing requirements which must be confirmed prior to commencing the qualification.

Entry Requirements

There are no entry requirements for this qualification

Packaging Rules

A total of 2160 weighting points comprising:

820 core weighting points listed below; plus

1340 general elective weighting points from the general elective units listed below.

Choose a total of 1340 weighting points elective units from the list below, of which between 0 and 360 weighting points can be taken from Group A; between 0 and 400 weighting points can be taken from Group B; between 0 and 200 weighting points can be taken from Group C, between 140 and 900 weighting points can be taken from Group D and between 440 and 1200 weighting points taken from Group E.

Up to 360 weighting points of the general elective units Group A may be selected, with appropriate contextualisation, from any relevant nationally endorsed Training Package or accredited course, provided selected units contribute to the vocational outcome of the qualification. Previously assigned weighting points are listed in UET Transmission, Distribution and Rail Sector Training Package Companion Volume Implementation Guide, if not listed weighting points will be 10 points.
Where imported units are selected, care must be taken to ensure all prerequisite units specified are complied with.

**Core units**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UEENEED104A</td>
<td>Use engineering applications software on personal computers</td>
<td>40</td>
</tr>
<tr>
<td>UEENEED104A</td>
<td>□ UEENEEE101A Apply Occupational Health Safety regulations, codes and practices in the workplace</td>
<td></td>
</tr>
<tr>
<td>UEEEEE083A</td>
<td>Establish and follow a competency development plan in an electrotechnology engineering discipline</td>
<td>120</td>
</tr>
<tr>
<td>UEEEEE101A</td>
<td>Apply Occupational Health and Safety regulations, codes and practices in the workplace</td>
<td>20</td>
</tr>
<tr>
<td>UEEEEE102A</td>
<td>Fabricate, assemble and dismantle utilities industry components</td>
<td>40</td>
</tr>
<tr>
<td>UEEEEE102A</td>
<td>□ UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace</td>
<td></td>
</tr>
<tr>
<td>UEEEEE104A</td>
<td>Solve problems in d.c. circuits</td>
<td>80</td>
</tr>
<tr>
<td>UEEEEE104A</td>
<td>□ UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace</td>
<td></td>
</tr>
<tr>
<td>UEEEEE107A</td>
<td>Use drawings, diagrams, schedules, standards, codes and specifications</td>
<td>40</td>
</tr>
<tr>
<td>UEEEEE107A</td>
<td>□ UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace</td>
<td></td>
</tr>
<tr>
<td>UEEEEE124A</td>
<td>Compile and produce an energy sector detailed report</td>
<td>60</td>
</tr>
<tr>
<td>UEEEEE125A</td>
<td>Provide engineering solutions for problems in complex multiple path circuits</td>
<td>60</td>
</tr>
<tr>
<td>UEEEEE125A</td>
<td>□ UEEEEE126A Provide solutions to basic engineering computational problems</td>
<td></td>
</tr>
<tr>
<td>UEEEEE126A</td>
<td>Provide solutions to basic engineering computational problems</td>
<td>60</td>
</tr>
<tr>
<td>UEEEEE126A</td>
<td>□ UEEEEE029B Solve electrotechnical problems or □ UEEEEE102A Solve problems in low voltage a.c. circuits</td>
<td></td>
</tr>
</tbody>
</table>
or

\[ \text{UEENEEH014B} \] Troubleshoot frequency dependent circuits

\[ \text{UEENEG101A} \] Solve problems in electromagnetic devices and related circuits

\[ \text{UEENEE101A} \] Apply Occupational Health and Safety regulations, codes and practices in the workplace

\[ \text{UEENEE104A} \] Solve problems in d.c. circuits

\[ \text{UEENEG102A} \] Solve problems in low voltage a.c. circuits

\[ \text{UEENEE101A} \] Apply Occupational Health and Safety regulations, codes and practices in the workplace

\[ \text{UEENEE104A} \] Solve problems in d.c. circuits

\[ \text{UEENEG101A} \] Solve problems in electromagnetic devices and related circuits

\[ \text{UEENEG149A} \] Provide engineering solutions to problems in complex polyphase power circuits

\[ \text{UEENEE125A} \] Provide engineering solutions for problems in complex multiple path circuits

and

\[ \text{UEENEG102A} \] Solve problems in low voltage a.c. circuits

\[ \text{UETTDREL11} \] Apply sustainable energy and environmental procedures

\[ \text{UETTDREL16} \] Working safely near live electrical apparatus

\[ \text{UETTDRIS62} \] Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

Common Unit Group

\[ \text{UEENEE101A} \] Apply Occupational Health and Safety regulations, codes and practices in the workplace

\[ \text{UETTDREL16} \] Working safely near live electrical apparatus

\[ \text{UETTDRIS63} \] Implement & monitor power system environmental & sustainable energy management policies & procedures

Electrotechnology Pathway Unit Group

\[ \text{UEENEEK142A} \] Apply environmentally and sustainable procedures in the energy sector
ESI - TDR Pathway Unit Group

- UETTDREL11 Apply sustainable energy and environmental procedures

**Group A: Imported and common elective units**

<table>
<thead>
<tr>
<th>Unit ID</th>
<th>Unit Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSBCUS501</td>
<td>Manage quality customer service</td>
<td>40</td>
</tr>
<tr>
<td>BSBFIM501</td>
<td>Manage budgets and financial plans</td>
<td>70</td>
</tr>
<tr>
<td>BSBINM501</td>
<td>Manage an information or knowledge management system</td>
<td>50</td>
</tr>
<tr>
<td>BSBINN502</td>
<td>Build and sustain an innovative work environment</td>
<td>50</td>
</tr>
<tr>
<td>BSBLED501</td>
<td>Develop a workplace learning environment</td>
<td>60</td>
</tr>
<tr>
<td>BSBMGT502</td>
<td>Manage people performance</td>
<td>70</td>
</tr>
<tr>
<td>BSBMGT516</td>
<td>Facilitate continuous improvement</td>
<td>60</td>
</tr>
<tr>
<td>BSBMGT517</td>
<td>Manage operational plan</td>
<td>60</td>
</tr>
<tr>
<td>BSBSUS501</td>
<td>Develop workplace policy and procedures for sustainability</td>
<td>50</td>
</tr>
<tr>
<td>BSBWOR501</td>
<td>Manage personal work priorities and professional development</td>
<td>60</td>
</tr>
<tr>
<td>BSBWOR502</td>
<td>Lead and manage team effectiveness</td>
<td>60</td>
</tr>
</tbody>
</table>

**Group B: Qualification elective units**

<table>
<thead>
<tr>
<th>Unit ID</th>
<th>Unit Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UEENEEG006A</td>
<td>Solve problems in single and three phase low voltage machines</td>
<td>80</td>
</tr>
</tbody>
</table>
  - UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
  - UEENEEE102A Fabricate, dismantle, assemble of electrotechnology components
  - UEENEEE104A Solve problems in d.c. circuits
  - UEENEEE105A Fix and secure electrotechnology equipment
  - UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
\(\text{UEENEEG101A}\) Solve problems in electromagnetic devices and related circuits

\(\text{UEENEEG102A}\) Solve problems in low voltage a.c. circuit

\(\text{UEENEEG106A}\) Terminate cables, cords and accessories for low voltage circuits

**UEENEEH102A** Repairs basic electronic apparatus faults by replacement of components

\(\text{UEENEEE101A}\) Apply Occupational Health and Safety regulations, codes and practices in the workplace

\(\text{UEENEEE102A}\) Fabricate, dismantle, assemble of utilities industry components

**UEENEEH112A** Troubleshoot digital sub-systems

\(\text{UEENEEE101A}\) Apply Occupational Health and Safety regulations, codes and practices in the workplace

\(\text{UEENEEH102A}\) Repair basic electronic apparatus faults by replacement of components

**UEENEEH114A** Troubleshoot resonance circuits in an electronic apparatus

**UEENEEH139A** Troubleshoot basic amplifier circuits

\(\text{UEENEEH102A}\) Repair basic electronic apparatus faults by replacement of components

AND

\(\text{UEENEEH114A}\) Troubleshoot resonance circuits in an electronic apparatus

OR

\(\text{UEENEEG102A}\) Solve problems in low voltage a.c. circuits

**UETTDREL15** Respond to power systems technical enquiries and requests

**UETTDRIS67** Solve problems in energy supply network equipment

Common Unit Group

\(\text{UEENEEE101A}\) Apply Occupational Health and Safety regulations, codes and practices in the workplace

\(\text{UEENEEE102A}\) Fabricate, assemble and dismantle utilities industry components

\(\text{UEENEEE104A}\) Solve problems in d.c. circuits

\(\text{UEENEEE105A}\) Fix and secure electrotechnology
equipment

- UENENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENENEEG101A Solve problems in electromagnetic devices and related circuits
- UENENEEG102A Solve problems in low voltage a.c. circuits
- UENENEEG006A Solve problems in single and three phase low voltage machines
- UENENEEG106A Terminate cables, cords and accessories for low voltage circuits

**UETTDRIS68** Solve problems in energy supply network protection equipment and systems

**Common Unit Group**

- UENENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENENEE102A Fabricate, assemble and dismantle utilities industry components
- UENENEE104A Solve problems in d.c. circuits
- UENENEE105A Fix and secure electrotechnology equipment
- UENENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENENEEG101A Solve problems in electromagnetic devices and related circuits
- UENENEEG102A Solve problems in low voltage a.c. circuits
- UENENEEG006A Solve problems in single and three phase low voltage machines
- UENENEEG106A Terminate cables, cords and accessories for low voltage circuits
- UETTDRIS67 Solve problems in energy supply network equipment

**Group C: Qualification elective units**

<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Description</th>
<th>Weighting Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UENNEE117A</td>
<td>Install and configure network systems for internetworking</td>
<td>120</td>
</tr>
</tbody>
</table>

- UENNEE101A Apply Occupational Health Safety
regulations, codes and practices in the workplace

UEENEEI155A  Develop structured programs to control external devices  40
  □ UEENEEE101A  Apply Occupational Health and Safety regulations, codes and practices in the workplace

UETTDRDS31  Draft and layout a power system overhead distribution extension  60
  Common Unit Group
  □ UEENEEE101A  Apply Occupational Health and Safety regulations, codes and practices in the workplace
  □ UEENEEE102A  Fabricate, assemble and dismantle utilities industry components
  □ UEENEEE104A  Solve problems in d.c. circuits
  □ UEENEEE107A  Use drawings, diagrams, schedules, standards, codes and specifications
  □ UEENEEG101A  Solve problems in electromagnetic devices and related circuits
  □ UEENEEG102A  Solve problems in low voltage a.c. circuits
  □ UETTDREL11  Apply sustainable energy and environmental procedures
  □ UETTDREL16  Working safely near live electrical apparatus
  □ UETTDRIS62  Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
  □ UETTDRIS63  Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRDS32  Draft and layout a power system underground distribution extension  60
  Common Unit Group
  □ UEENEEE101A  Apply Occupational Health and Safety regulations, codes and practices in the workplace
  □ UEENEEE102A  Fabricate, assemble and dismantle utilities industry components
  □ UEENEEE104A  Solve problems in d.c. circuits
  □ UEENEEE107A  Use drawings, diagrams, schedules,
standards, codes and specifications

- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRDS33 Draft and layout a power system street lighting system

60

Common Unit Group

- UEEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEE104A Solve problems in d.c. circuits
- UEEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
UETTDRDS34   Draft and layout a power system distribution substation
minor upgrade

Common Unit Group

∟ UEEEEE101A  Apply Occupational Health and Safety regulations, codes and practices in the workplace
∟ UEEEEE102A  Fabricate, assemble and dismantle utilities industry components
∟ UEEEEE104A  Solve problems in d.c. circuits
∟ UEEEEE107A  Use drawings, diagrams, schedules, standards, codes and specifications
∟ UEEEEG101A  Solve problems in electromagnetic devices and related circuits
∟ UEEEEG102A  Solve problems in low voltage a.c. circuits
∟ UETTDREL11  Apply sustainable energy and environmental procedures
∟ UETTDREL16  Working safely near live electrical apparatus
∟ UETTDRIS62  Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
∟ UETTDRIS63  Implement & monitor power system environmental & sustainable energy management policies & procedures

Group D: Qualification elective units

Weighting Points

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>UEEEEEI156A</td>
<td>Develop and test code for microcontroller devices</td>
<td>60</td>
</tr>
<tr>
<td></td>
<td>∟ UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace</td>
<td></td>
</tr>
<tr>
<td>UETTDRDS35</td>
<td>Design overhead distribution power systems</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>∟ UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace</td>
<td></td>
</tr>
</tbody>
</table>

Approved
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Australian Industry Standards
- UENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UENEEE126A Provide solutions to basic engineering computational problems
- UENEEG101A Solve problems in electromagnetic devices and related circuits
- UENEEG102A Solve problems in low voltage a.c. circuits
- UENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Pathway Unit Group 1

- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETTDRDS45 Organise and implement ESI line and easement surveys

Pathway Unit Group 2

- UETTDRDS43 Develop high voltage and low voltage distribution protection systems

UETTDRDS36 Design underground distribution power systems

Common Unit Group

- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENEEE102A Fabricate, assemble and dismantle utilities industry components
- UENEEE104A Solve problems in d.c. circuits
- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENEEE125A Provide engineering solutions for
provides solutions to basic engineering computational problems

- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDTREL11 Apply sustainable energy and environmental procedures
- UETTDTREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Pathway Unit Group 1
- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETTDRDS45 Organise and implement ESI line and easement surveys

Pathway Unit Group 2
- UETTDRDS43 Develop high voltage and low voltage distribution protection systems

**UETTDRDS37** Design power system distribution substations

Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
excellent computational problems

\- UEENEEE102A Solve problems in low voltage a.c. circuits

\- UEENEEE149A Provide engineering solutions to problems in complex polyphase power circuits

\- UETTDREL11 Apply sustainable energy and environmental procedures

\- UETTDREL16 Working safely near live electrical apparatus

\- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

\- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Pathway Unit Group 1

\- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure

\- UETTDRDS45 Organise and implement ESI line and easement surveys

Pathway Unit Group 2

\- UETTDRDS43 Develop high voltage and low voltage distribution protection systems

\- UETTDRDS38 Design power system public lighting systems

Common Unit Group

\- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

\- UEENEEE102A Fabricate, assemble and dismantle utilities industry components

\- UEENEEE104A Solve problems in d.c. circuits

\- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

\- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

\- UEENEEE126A Provide solutions to basic electrical problems
engineering computational problems

- UEE101A Solve problems in electromagnetic devices and related circuits
- UEE102A Solve problems in low voltage a.c. circuits
- UEE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETT11A Apply sustainable energy and environmental procedures
- UETT16A Working safely near live electrical apparatus
- UETT62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETT63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Pathway Unit Group 1

- UETT39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETT45 Organise and implement ESI line and easement surveys

Pathway Unit Group 2

- UETT43 Develop high voltage and low voltage distribution protection systems

**UETT39** Prepare and manage detailed construction plans for electrical power system infrastructure

Common Unit Group

- UEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEE104A Solve problems in d.c. circuits
- UEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEE101A Solve problems in electromagnetic devices and related circuits
- UEE102A Solve problems in low voltage a.c. circuits
- UETT11A Apply sustainable energy and
environmental procedures

- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRDS42 Investigate quality of power systems supply issues

Common Unit Group

- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRDS35 Design overhead distribution power
systems

- UETTDRDS36 Design underground distribution power systems

**Pathway Unit Group 1**

- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure

- UETTDRDS45 Organise and implement ESI line and easement surveys

**Pathway Unit Group 2**

- UETTDRDS43 Develop high voltage and low voltage distribution protection systems

**UETTDRDS43** Develop high voltage and low voltage distribution protection systems

**Common Unit Group**

- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

- UENEEE102A Fabricate, assemble and dismantle utilities industry components

- UENEEE104A Solve problems in d.c. circuits

- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

- UENEEE125A Provide engineering solutions for problems in complex multiple path circuits

- UENEEE126A Provide solutions to basic engineering computational problems

- UENEEG101A Solve problems in electromagnetic devices and related circuits

- UENEEG102A Solve problems in low voltage a.c. circuits

- UENEEG149A Provide engineering solutions to problems in complex polyphase power circuits

- UETTDREL11 Apply sustainable energy and environmental procedures

- UETTDREL16 Working safely near live electrical apparatus

- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UETTDRIS63</td>
<td>Implement &amp; monitor power system environmental &amp; sustainable energy management policies &amp; procedures</td>
<td></td>
</tr>
<tr>
<td>UETTDRDS44</td>
<td>Design power system substations modifications</td>
<td>150</td>
</tr>
<tr>
<td></td>
<td>Common Unit Group</td>
<td></td>
</tr>
<tr>
<td>UETTDRIS62</td>
<td>Implement and monitor the power system organisational WHS/OHS policies, procedures and programs</td>
<td></td>
</tr>
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<td></td>
<td>UETTDRIS63</td>
<td>Implement &amp; monitor power system environmental &amp; sustainable energy management policies &amp; procedures</td>
</tr>
<tr>
<td>UETTDRDS39</td>
<td>Prepare and manage detailed construction plans for electrical power system infrastructure</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>UETTDRDS45</td>
<td>Organise and implement ESI line and easement surveys</td>
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<td>Prepare and manage detailed construction plans for electrical power system infrastructure</td>
</tr>
<tr>
<td></td>
<td>UETTDRDS45</td>
<td>Organise and implement ESI line and easement surveys</td>
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<tr>
<td></td>
<td>Common Unit Group</td>
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<tr>
<td>UETTDRIS62</td>
<td>Implement and monitor the power system organisational WHS/OHS policies, procedures and programs</td>
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<tr>
<td></td>
<td>UETTDRIS63</td>
<td>Implement &amp; monitor power system environmental &amp; sustainable energy management policies &amp; procedures</td>
</tr>
<tr>
<td></td>
<td>UETTDRDS39</td>
<td>Prepare and manage detailed construction plans for electrical power system infrastructure</td>
</tr>
<tr>
<td></td>
<td>UETTDRDS45</td>
<td>Organise and implement ESI line and easement surveys</td>
</tr>
</tbody>
</table>
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRS46 Develop planned power systems outage strategies 140
Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENED104A Use engineering applications software on personal computers
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

UETTDRS49 Establish and manage power system geographical information systems data 140
Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENED104A Use engineering applications software on personal computers
- UEEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

UETTDRIS66 Manage an electricity power system WHS/OHS management system 140

UETTDRIS69 Diagnose and rectify faults in energy supply apparatus 60
Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEE102A Fabricate, assemble and dismantle
utilities industry components

- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE105A Fix and secure electrotechnology equipment
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEG101A Solve problems in electromagnetic devices and related circuits
- UEEEG102A Solve problems in low voltage a.c. circuits
- UEEEG006A Solve problems in single and three phase low voltage machines
- UEEEG106A Terminate cables, cords and accessories for low voltage circuits
- UETTDRIS67 Solve problems in energy supply network equipment
- UETTDRIS68 Solve problems in energy supply network protection equipment and systems

UETTDRIS70 Diagnose and rectify faults in electrical energy distribution systems

Common Unit Group

- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE105A Fix and secure electrotechnology equipment
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEG101A Solve problems in electromagnetic devices and related circuits
- UEEEG102A Solve problems in low voltage a.c. circuits
- UEEEG006A Solve problems in single and three phase low voltage machines
- UEEEG106A Terminate cables, cords and accessories for low voltage circuits
- UETTDRIS67 Solve problems in energy supply network equipment
network equipment

- UETTDRIS68 Solve problems in energy supply network protection equipment and systems
- UETTDRIS69 Diagnose and rectify faults in energy supply apparatus

UETTDRIS72 Diagnose and rectify faults in distributed generation systems

Common Unit Group

- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENEEE102A Fabricate, assemble and dismantle utilities industry components
- UENEEE104A Solve problems in d.c. circuits
- UENEEE105A Fix and secure electrotechnology equipment
- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENEEG101A Solve problems in electromagnetic devices and related circuits
- UENEEG102A Solve problems in low voltage a.c. circuits
- UENEEG006A Solve problems in single and three phase low voltage machines
- UENEEG106A Terminate cables, cords and accessories for low voltage circuits
- UETTDRIS67 Solve problems in energy supply network equipment
- UETTDRIS68 Solve problems in energy supply network protection equipment and systems
- UETTDRIS69 Diagnose and rectify faults in energy supply apparatus

UETTDRSO36 Develop low voltage distribution switching programs

Common Unit Group

- UENENEED104A Use engineering applications software on personal computers
- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENEEE102A Fabricate, assemble and dismantle
utilities industry components

- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEEE124A Compile and produce an energy sector detailed report
- UEEEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEEEE126A Provide solutions to basic engineering computational problems
- UEEEG101A Solve problems in electromagnetic devices and related circuits
- UEEEG102A Solve problems in low voltage a.c. circuits
- UEEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRI562 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRI563 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRO37 Develop high voltage distribution and sub-transmission switching programs

Common Unit Group

- UEEED104A Use engineering applications software on personal computers
- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEEE124A Compile and produce an energy sector detailed report
sector detailed report

UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

UEENEEE126A Provide solutions to basic engineering computational problems

UEENEEG101A Solve problems in electromagnetic devices and related circuits

UEENEEG102A Solve problems in low voltage a.c. circuits

UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRSO38 Develop and evaluate power systems transmission switching programs

Common Unit Group

UEENEED104A Use engineering applications software on personal computers

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE102A Fabricate, assemble and dismantle utilities industry components

UEENEEE104A Solve problems in d.c. circuits

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UEENEEE124A Compile and produce an energy sector detailed report

UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

UEENEEE126A Provide solutions to basic engineering computational problems
¶ UEENEEG101A Solve problems in electromagnetic devices and related circuits
¶ UEENEEG102A Solve problems in low voltage a.c. circuits
¶ UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
¶ UETTDREL11 Apply sustainable energy and environmental procedures
¶ UETTDREL16 Working safely near live electrical apparatus
¶ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
¶ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRSO39 Coordinate low voltage distribution networks

Common Unit Group
¶ UEENEED104A Use engineering applications software on personal computers
¶ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
¶ UEENEEE102A Fabricate, assemble and dismantle utilities industry components
¶ UEENEEE104A Solve problems in d.c. circuits
¶ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
¶ UEENEEE124A Compile and produce an energy sector detailed report
¶ UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
¶ UEENEEE126A Provide solutions to basic engineering computational problems
¶ UEENEEG101A Solve problems in electromagnetic devices and related circuits
¶ UEENEEG102A Solve problems in low voltage a.c. circuits
¶ UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO36 Develop low voltage distribution switching programs

UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Common Unit Group
- UEENEED104A Use engineering applications software on personal computers
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE124A Compile and produce an energy sector detailed report
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO36 Develop low voltage distribution switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Common Unit Group
- UEENEED104A Use engineering applications software on personal computers
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE124A Compile and produce an energy sector detailed report
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO36 Develop low voltage distribution switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Common Unit Group
- UEENEED104A Use engineering applications software on personal computers
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE124A Compile and produce an energy sector detailed report
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO36 Develop low voltage distribution switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks
apparatus

- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs

UETTDRSO43 Coordinate low voltage distribution network demand

Common Unit Group

- UEEENEED104A Use engineering applications software on personal computers
- UEEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEEE104A Solve problems in d.c. circuits
- UEEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEEE124A Compile and produce an energy sector detailed report
- UEEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEEE126A Provide solutions to basic engineering computational problems
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus

- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
∇ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

∇ UETTDRSO36 Develop low voltage distribution switching programs

∇ UETTDRSO39 Coordinate low voltage distribution networks

UETTDRSO45 Operate and monitor system SCADA equipment 150

Common Unit Group

∇ UETTDREL15 Respond to power systems technical enquiries and requests

UETTDRSO46 Monitor and control the field staff activities 150

To minimise incidents related to safe systems of work, entry into this unit requires at a minimum that an individual has demonstrated or possesses relevant technical engineering discipline competencies of at least AQF level 3. It is intended that an individual will be expected to perform with a large degree of autonomy in decision-making, whilst in an individual environment.

This may include immediate response to protect human life, adverse effect on safety, security of supply or the integrity of the assets.

NOTE: Typically the following disciplines provide direct entry: electrical or instrumentation, fitting and turning or mechanical trade.

Where an individual does not possess or demonstrate the requisite entry requirement, an equivalent bridging program shall be used to ensure equivalence of entry.

UETTDRSO47 Coordinate high voltage transmission network 150

Common Unit Group

∇ UEENEED104A Use engineering applications software on personal computers

∇ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

∇ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

∇ UEENEEE104A Solve problems in d.c. circuits

∇ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
∟ UENEEE124A Compile and produce an energy sector detailed report
∟ UENEEE125A Provide engineering solutions for problems in complex multiple path circuits
∟ UENEEE126A Provide solutions to basic engineering computational problems
∟ UENEEG101A Solve problems in electromagnetic devices and related circuits
∟ UENEEG102A Solve problems in low voltage a.c. circuits
∟ UENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
∟ UETTDREL11 Apply sustainable energy and environmental procedures
∟ UETTDREL16 Working safely near live electrical apparatus
∟ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
∟ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
∟ UETTDRSO38 Develop and evaluate power systems transmission switching programs

UETTDRSO48 Respond to discrete and interdependent protection operations

Common Unit Group
∟ UENNEED104A Use engineering applications software on personal computers
∟ UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
∟ UENEEE102A Fabricate, assemble and dismantle utilities industry components
∟ UENEEE104A Solve problems in d.c. circuits
∟ UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
∟ UENEEE124A Compile and produce an energy sector detailed report
∟ UENEEE125A Provide engineering solutions for
problems in complex multiple path circuits

- UEEEEE126A Provide solutions to basic engineering computational problems
- UEEEEEG101A Solve problems in electromagnetic devices and related circuits
- UEEEEE102A Solve problems in low voltage a.c. circuits
- UEEEEE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTREL11 Apply sustainable energy and environmental procedures
- UETTREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Distribution and Sub-transmission Pathway Unit Group
- UETTDRO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group
- UETTDRO38 Develop and evaluate power systems transmission switching programs
- UETTDRO47 Coordinate high voltage transmission network

UETTDRO49 Coordinate power system operations in a regulated energy market

Common Unit Group
- UEENED104A Use engineering applications software on personal computers
- UEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEE104A Solve problems in d.c. circuits
- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENEEE124A Compile and produce an energy sector detailed report
- UENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UENEEE126A Provide solutions to basic engineering computational problems
- UENEEG101A Solve problems in electromagnetic devices and related circuits
- UENEEG102A Solve problems in low voltage a.c. circuits
- UENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Distribution and Sub-transmission Pathway Unit Group
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group
- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO47 Coordinate high voltage transmission network

UETTDRTS21 Maintain interdependent network protection and control systems

Common Unit Group
- UENEED104A Use engineering applications software on personal computers
- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEEE124A Compile and produce an energy sector detailed report
- UEEEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEEEE126A Provide solutions to basic engineering computational problems
- UEEEG101A Solve problems in electromagnetic devices and related circuits
- UEEEG102A Solve problems in low voltage a.c. circuits
- UEEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDL11 Apply sustainable energy and environmental procedures
- UETTDL16 Working safely near live electrical apparatus
- UETTDRS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRS29 Develop power systems secondary isolation instructional documents

**UETTDRS22** Commission interdependent network protection and control systems

Common Unit Group

- UEEED104A Use engineering applications software on personal computers
- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE102A Fabricate, assemble and dismantle
utilities industry components

- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEEE124A Compile and produce an energy sector detailed report
- UEEEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEEEE126A Provide solutions to basic engineering computational problems
- UEEEEE101A Solve problems in electromagnetic devices and related circuits
- UEEEEE102A Solve problems in low voltage a.c. circuits
- UEEEEE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRTS21 Maintain interdependent network protection and control systems
- UETTDRTS29 Develop power systems secondary isolation instructional documents

UETTDRTS25 Maintain and test and metering schemes 140

Common Unit Group

- UEEENNED104A Use engineering applications software on personal computers
- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEEEE104A Solve problems in d.c. circuits
□ UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
□ UENEEE124A Compile and produce an energy sector detailed report
□ UENEEE125A Provide engineering solutions for problems in complex multiple path circuits
□ UENEEE126A Provide solutions to basic engineering computational problems
□ UENEEG101A Solve problems in electromagnetic devices and related circuits
□ UENEEG102A Solve problems in low voltage a.c. circuits
□ UENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
□ UETTDL11 Apply sustainable energy and environmental procedures
□ UETTDL16 Working safely near live electrical apparatus
□ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
□ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
□ UETTDRIS29 Develop power systems secondary isolation instructional documents

UETTDRTS26 Commission power systems metering schemes

Common Unit Group
□ UENED104A Use engineering applications software on personal computers
□ UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
□ UENEEE102A Fabricate, assemble and dismantle utilities industry components
□ UENEEE104A Solve problems in d.c. circuits
□ UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
□ UENEEE124A Compile and produce an energy sector detailed report

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Australian Industry Standards
- UEEENEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEE126A Provide solutions to basic engineering computational problems
- UEEENEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEG102A Solve problems in low voltage a.c. circuits
- UEEENEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRI62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRI63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRTS25 Maintain and test and metering schemes
- UETTDRTS29 Develop power systems secondary isolation instructional documents

UETTDRTS27 Perform accuracy checks on power systems instrument transformers

Common Unit Group
- UEEENEED104A Use engineering applications software on personal computers
- UEEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEE104A Solve problems in d.c. circuits
- UEEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEE124A Compile and produce an energy sector detailed report
- UEEENEE125A Provide engineering solutions for
problems in complex multiple path circuits

- UENEEE126A Provide solutions to basic engineering computational problems
- UENEEE101A Solve problems in electromagnetic devices and related circuits
- UENEEE102A Solve problems in low voltage a.c. circuits
- UENEEE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRI612 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRI613 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRTS28 Repair, test and calibrate protection relays and meters

Common Unit Group

- UENEED104A Use engineering applications software on personal computers
- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENEEE102A Fabricate, assemble and dismantle utilities industry components
- UENEEE104A Solve problems in d.c. circuits
- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENEEE124A Compile and produce an energy sector detailed report
- UENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UENEEE126A Provide solutions to basic engineering computational problems
- UENEE101A Solve problems in electromagnetic devices and related circuits
- UENEE102A Solve problems in low voltage a.c.
circuits

- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRTS29 Develop power systems secondary isolation instructional documents

Common Unit Group

- UEEENED104A Use engineering applications software on personal computers
- UEEENE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENE102A Fabricate, assemble and dismantle utilities industry components
- UEEENE104A Solve problems in d.c. circuits
- UEEENE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENE124A Compile and produce an energy sector detailed report
- UEEENE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENE126A Provide solutions to basic engineering computational problems
- UEEENE101A Solve problems in electromagnetic devices and related circuits
- UEEENE102A Solve problems in low voltage a.c. circuits
- UEEENE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
UETTDREL16 Working safely near live electrical apparatus

UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRTS31 Maintain, test and commission power systems voltage regulating equipment

Common Unit Group

UEENEED104A Use engineering applications software on personal computers

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE102A Fabricate, assemble and dismantle utilities industry components

UEENEEE104A Solve problems in d.c. circuits

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UEENEEE124A Compile and produce an energy sector detailed report

UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

UEENEEE126A Provide solutions to basic engineering computational problems

UEENEEG101A Solve problems in electromagnetic devices and related circuits

UEENEEG102A Solve problems in low voltage a.c. circuits

UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRTS34 Install and maintain power system communication equipment

Common Unit Group

UEENEEE104A Use engineering applications software on personal computers

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UEENEEE124A Compile and produce an energy sector detailed report

UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

UEENEEE126A Provide solutions to basic engineering computational problems

UEENEG101A Solve problems in electromagnetic devices and related circuits

UEENEG102A Solve problems in low voltage a.c. circuits

UEENEG149A Provide engineering solutions to problems in complex polyphase power circuits

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Group E: Qualification elective units

<p>| Weighting Points |</p>
<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>UETTDRDS40</td>
<td>Prepare and appraise power systems financial impact statements</td>
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**Common Unit Group**

- UEEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEEE104A Solve problems in d.c. circuits
- UEEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDREL16 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDREL62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDREL63 Implement & monitor power system environmental & sustainable energy management policies & procedures

**Testing Pathway Unit Group**

- UEEENEED104A Use engineering applications software on personal computers
- UEEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEEE124A Compile and produce an energy sector detailed report
- UEEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEEE126A Provide solutions to basic engineering computational problems
- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRTS21 Maintain interdependent network protection and control systems
- UETTDRTS22 Commission interdependent network protection and control systems
- UETTDRTS29 Develop power systems secondary isolation instructional documents
- UETTDRTS35 Maintain complex network protection and control systems

Design Pathway Unit Group
- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure

UETTDRDS41 Manage electrical power systems infrastructure projects

Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDRDL11 Apply sustainable energy and environmental procedures
- UETTDRDL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Testing Pathway Unit Group
- UEENEDD104A Use engineering applications software on personal computers
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE124A Compile and produce an energy sector detailed report
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic
engineering computational problems

- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRDS21 Maintain interdependent network protection and control systems
- UETTDRDS22 Commission interdependent network protection and control systems
- UETTDRDS29 Develop power systems secondary isolation instructional documents
- UETTDRDS35 Maintain complex network protection and control systems

Design Pathway Unit Group

- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure

UETTDRDS47  Review power system asset management strategies

Common Unit Group

- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDRIS61 Apply sustainable energy and environmental procedures
- UETTDRIS62 Working safely near live electrical apparatus
- UETTDRIS63 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS64 Implement & monitor power system environmental & sustainable energy management policies & procedures

Testing Pathway Unit Group

- UEENEEDED104A Use engineering applications software on personal computers
∟ UEEENEEE102A Fabricate, assemble and dismantle utilities industry components
∟ UEEENEEE124A Compile and produce an energy sector detailed report
∟ UEEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
∟ UEEENEEE126A Provide solutions to basic engineering computational problems
∟ UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
∟ UETTDRS21 Maintain interdependent network protection and control systems
∟ UETTDRS22 Commission interdependent network protection and control systems
∟ UETTDRS29 Develop power systems secondary isolation instructional documents
∟ UETTDRS35 Maintain complex network protection and control systems

Design Pathway Unit Group
∟ UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure

UETTDRDS48 Analyse and appraise power system fault and outage data

Common Unit Group
∟ UEEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
∟ UEEENEEE104A Solve problems in d.c. circuits
∟ UEEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
∟ UEENEEG101A Solve problems in electromagnetic devices and related circuits
∟ UEENEEG102A Solve problems in low voltage a.c. circuits
∟ UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
∟ UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRDS50 Design customer power system substations

Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Pathway Unit Group 1
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETTDRDS45 Organise and implement ESI line and easement surveys

Pathway Unit Group 2
- UEENEEE104A Solve problems in d.c. circuits
_href_UEENEEE125A_ Provide engineering solutions for problems in complex multiple path circuits
- _UEENEEE126A_ Provide solutions to basic engineering computational problems
- _UEENEG101A_ Solve problems in electromagnetic devices and related circuits
- _UEENEG102A_ Solve problems in low voltage a.c. circuits
- _UEENEG149A_ Provide engineering solutions to problems in complex polyphase power circuits
- _UETTDRDS43_ Develop high voltage and low voltage distribution protection systems

Pathway Unit Group 3
- _UETTDRDS44_ Design power system substations modifications

**UETTDRDS51** Manage power system transmission and sub-transmission design process

Common Unit Group
- _UEENEE101A_ Apply Occupational Health and Safety regulations, codes and practices in the workplace
- _UEENEE104A_ Solve problems in d.c. circuits
- _UEENEE107A_ Use drawings, diagrams, schedules, standards, codes and specifications
- _UEENEG101A_ Solve problems in electromagnetic devices and related circuits
- _UEENEG102A_ Solve problems in low voltage a.c. circuits
- _UETTDRDS39_ Prepare and manage detailed construction plans for electrical power system infrastructure
- _UETTREL11_ Apply sustainable energy and environmental procedures
- _UETTREL16_ Working safely near live electrical apparatus
- _UETTDRIS62_ Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- _UETTDRIS63_ Implement & monitor power system environmental & sustainable energy management
policies & procedures

**UETTDRDS52** Design power system transmission, sub-transmission and zone substation buildings

Common Unit Group

- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENEEE104A Solve problems in d.c. circuits
- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENEEG101A Solve problems in electromagnetic devices and related circuits
- UENEEG102A Solve problems in low voltage a.c. circuits
- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETTDRDS44 Design power system substations modifications
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

**UETTDRDS53** Design power system transmission and sub-transmission substation primary plant

Common Unit Group

- UENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UENEEE104A Solve problems in d.c. circuits
- UENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UENEEG101A Solve problems in electromagnetic devices and related circuits
UEENE102A Solve problems in low voltage a.c. circuits

UETTDRS39 Prepare and manage detailed construction plans for electrical power system infrastructure

UETTDRS44 Design power system substations modifications

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

UETTDRI18 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

UETTDRI63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRS54 Design power system transmission and sub-transmission protection and control

Common Unit Group

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE104A Solve problems in d.c. circuits

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UEENE101A Solve problems in electromagnetic devices and related circuits

UEENE102A Solve problems in low voltage a.c. circuits

UETTDRS39 Prepare and manage detailed construction plans for electrical power system infrastructure

UETTDRS44 Design power system substations modifications

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

UETTDRI62 Implement and monitor the power system organisational WHS/OHS policies, procedures
and programs

- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

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<th>Code</th>
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<tbody>
<tr>
<td>UETTDRDS55</td>
<td>Design power system transmission and sub-transmission substation earthing</td>
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**Common Unit Group**

- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEG101A Solve problems in electromagnetic devices and related circuits
- UEEEG102A Solve problems in low voltage a.c. circuits
- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETTDRDS44 Design power system substations modifications
- UETTREL11 Apply sustainable energy and environmental procedures
- UETTREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>UETTDRDS56</td>
<td>Design power system transmission, sub-transmission &amp; zone substation civil &amp; structural components</td>
</tr>
</tbody>
</table>

**Common Unit Group**

- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
∟ UEENEG101A Solve problems in electromagnetic devices and related circuits
∟ UEENEG102A Solve problems in low voltage a.c. circuits
∟ UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
∟ UETTDRDS44 Design power system substations modifications
∟ UETTDRDS45 Organise and implement ESI line and easement surveys
∟ UETTDRDS57 Design power system overhead transmission systems

Common Unit Group
∟ UENE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
∟ UENE104A Solve problems in d.c. circuits
∟ UENE107A Use drawings, diagrams, schedules, standards, codes and specifications
∟ UEENEG101A Solve problems in electromagnetic devices and related circuits
∟ UEENEG102A Solve problems in low voltage a.c. circuits
∟ UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
∟ UETTDRDS44 Design power system substations modifications
∟ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
∟ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
∟ UETTDRDS57 Design power system overhead transmission systems

160
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRDS58 Design underground transmission systems 160

Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UETTDRDS39 Prepare and manage detailed construction plans for electrical power system infrastructure
- UETTDRDS45 Organise and implement ESI line and easement surveys
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus

UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

UETTDRIS71 Diagnose and rectify faults in electrical energy supply transmission systems 60

Common Unit Group
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
UEENEEE104A Solve problems in d.c. circuits
UEENEEE105A Fix and secure electrotechnology equipment
UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEG101A Solve problems in electromagnetic devices and related circuits
UEENEEG102A Solve problems in low voltage a.c. circuits
UEENEEG006A Solve problems in single and three phase low voltage machines
UEENEEG106A Terminate cables, cords and accessories for low voltage circuits
UETTDRIS67 Solve problems in energy supply network equipment
UETTDRIS68 Solve problems in energy supply network protection equipment and systems
UETTDRIS69 Diagnose and rectify faults in energy supply apparatus

UETTDRIS73 Develop engineering solutions for energy supply power transformer problems

Common Unit Group
UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE102A Fabricate, assemble and dismantle utilities industry components
UEENEEE104A Solve problems in d.c. circuits
UEENEEE105A Fix and secure electrotechnology equipment
UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEG125A Provide engineering solutions for problems in complex multiple path circuits
UEENEEG126A Provide solutions to basic engineering computational problems
UEENEEG101A Solve problems in electromagnetic devices and related circuits
UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG006A Solve problems in single and three phase low voltage machines
- UEENEEG106A Terminate cables, cords and accessories for low voltage circuits
- UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDRIS67 Solve problems in energy supply network equipment
- UETTDRIS68 Solve problems in energy supply network protection equipment and systems
- UETTDRIS69 Diagnose and rectify faults in energy supply apparatus

Distribution Pathway Unit Group
- UETTDRIS70 Diagnose and rectify faults in electrical energy distribution systems

Transmission Pathway Unit Group
- UETTDRIS71 Diagnose and rectify faults in electrical energy supply transmission systems

Distributed Generation Pathway Unit Group
- UETTDRIS72 Diagnose and rectify faults in distributed generation systems

UETTDRSO32 Manage power systems network faults

Common Unit Group
- UEENED104A Use engineering applications software on personal computers
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE124A Compile and produce an energy sector detailed report
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic engineering computational problems
UED60219 Advanced Diploma of ESI - Power Systems

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Australian Industry Standards

- UEEENEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEG102A Solve problems in low voltage a.c. circuits
- UEEENEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO48 Respond to discrete and interdependent protection operations
- UETTDRSO49 Coordinate power system operations in a regulated energy market
- UETTDRSO50 Respond to complex power system protection operations
- Generation/Distribution and Sub-transmission Pathway Unit Group
  - UETTDRSO34 Control power systems generating plant
  - UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
  - UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks
- Generation/Transmission Pathway Unit Group
  - UETTDRSO34 Control power systems generating plant
  - UETTDRSO38 Develop and evaluate power systems transmission switching programs
  - UETTDRSO47 Coordinate high voltage transmission network
Distribution and Sub-transmission Pathway Unit Group

- UETTDRSO35 Manage high voltage distribution and sub-transmission network demand
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group

- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO42 Manage power systems transmission network demand
- UETTDRSO47 Coordinate high voltage transmission network

UETTDRSO33 Manage power systems critical events

Common Unit Group

- UEENEED104A Use engineering applications software on personal computers
- UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
- UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEEE124A Compile and produce an energy sector detailed report
- UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to
problems in complex polyphase power circuits

- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO32 Manage power systems network faults
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO48 Respond to discrete and interdependent protection operations
- UETTDRSO49 Coordinate power system operations in a regulated energy market
- UETTDRSO50 Respond to complex power system protection operations

Generation/Distribution and Sub-transmission Pathway Unit Group
- UETTDRSO34 Control power systems generating plant
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Generation/Transmission Pathway Unit Group
- UETTDRSO34 Control power systems generating plant
- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO47 Coordinate high voltage transmission network

Distribution and Sub-transmission Pathway Unit Group
- UETTDRSO35 Manage high voltage distribution and sub-transmission network demand
Transmission Pathway Unit Group

- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Common Unit Group

- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO42 Manage power systems transmission network demand
- UETTDRSO47 Coordinate high voltage transmission network

- UETTDRSO34 Control power systems generating plant

- UEENEE104A Use engineering applications software on personal computers
- UEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEE104A Solve problems in d.c. circuits
- UEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEE124A Compile and produce an energy sector detailed report
- UEENEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEE126A Provide solutions to basic engineering computational problems
- UEENEG101A Solve problems in electromagnetic devices and related circuits
- UEENEG102A Solve problems in low voltage a.c. circuits
- UEENEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical
apparatus

∟ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs

∟ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

∟ UETTDRSO48 Respond to discrete and interdependent protection operations

∟ UETTDRSO49 Coordinate power system operations in a regulated energy market

Distribution and Sub-transmission Pathway Unit Group

∟ UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs

∟ UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group

∟ UETTDRSO38 Develop and evaluate power systems transmission switching programs

∟ UETTDRSO47 Coordinate high voltage transmission network

UETTDRSO35 Manage high voltage distribution and sub-transmission network demand

Common Unit Group

∟ UEENEED104A Use engineering applications software on personal computers

∟ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

∟ UEENEEE102A Fabricate, assemble and dismantle utilities industry components

∟ UEENEEE104A Solve problems in d.c. circuits

∟ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

∟ UEENEEE124A Compile and produce an energy sector detailed report

∟ UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

∟ UEENEEE126A Provide solutions to basic engineering computational problems
☐ UEENEEL101A Solve problems in electromagnetic devices and related circuits
☐ UEENEEL102A Solve problems in low voltage a.c. circuits
☐ UEENEEL149A Provide engineering solutions to problems in complex polyphase power circuits
☐ UETTDDREL11 Apply sustainable energy and environmental procedures
☐ UETTDDREL16 Working safely near live electrical apparatus
☐ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
☐ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
☐ UETTDRSO48 Respond to discrete and interdependent protection operations
☐ UETTDRSO49 Coordinate power system operations in a regulated energy market

Distribution and Sub-transmission Pathway Unit Group
☐ UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
☐ UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group
☐ UETTDRSO38 Develop and evaluate power systems transmission switching programs
☐ UETTDRSO47 Coordinate high voltage transmission network

UETTDRSO41 Manage power systems transmission networks

Common Unit Group
☐ UEENEEEL104A Use engineering applications software on personal computers
☐ UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
☐ UEENEEE102A Fabricate, assemble and dismantle utilities industry components
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- UENEEG102A Solve problems in low voltage a.c. circuits
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- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO48 Respond to discrete and interdependent protection operations
- UETTDRSO49 Coordinate power system operations in a regulated energy market

Distribution and Sub-transmission Pathway Unit Group
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group
- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO47 Coordinate high voltage transmission network

UETTDRSO42 Manage power systems transmission network demand
Common Unit Group

- UEENEE104A Use engineering applications software on personal computers
- UEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEE104A Solve problems in d.c. circuits
- UEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEENEE124A Compile and produce an energy sector detailed report
- UEENEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEENEE126A Provide solutions to basic engineering computational problems
- UEENE101A Solve problems in electromagnetic devices and related circuits
- UEENE102A Solve problems in low voltage a.c. circuits
- UEENE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDL11 Apply sustainable energy and environmental procedures
- UETTDL16 Working safely near live electrical apparatus
- UETTDRS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRS41 Manage power systems transmission networks
- UETTDRS48 Respond to discrete and interdependent protection operations
- UETTDRS49 Coordinate power system operations in a regulated energy market

Distribution and Sub-transmission Pathway Unit Group
UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs

UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group

UETTDRSO38 Develop and evaluate power systems transmission switching programs

UETTDRSO47 Coordinate high voltage transmission network

UETTDRSO44 Develop crisis power systems management plans

Common Unit Group

UEENEED104A Use engineering applications software on personal computers

UEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace

UEENEEE102A Fabricate, assemble and dismantle utilities industry components

UEENEEE104A Solve problems in d.c. circuits

UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications

UEENEEE124A Compile and produce an energy sector detailed report

UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits

UEENEEE126A Provide solutions to basic engineering computational problems

UEENEEG101A Solve problems in electromagnetic devices and related circuits

UEENEEG102A Solve problems in low voltage a.c. circuits

UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits

UETTDREL11 Apply sustainable energy and environmental procedures

UETTDREL16 Working safely near live electrical apparatus

UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
 Implement & monitor power system environmental & sustainable energy management policies & procedures

Manage power systems network faults

Manage power systems critical events

Manage power systems transmission networks

Respond to discrete and interdependent protection operations

Coordinate power system operations in a regulated energy market

Respond to complex power system protection operations

Control power systems generating plant

Develop high voltage distribution and sub-transmission switching programs

Coordinate high voltage distribution and sub-transmission networks

Control power systems generating plant

Develop and evaluate power systems transmission switching programs

Coordinate high voltage transmission network

Manage high voltage distribution and sub-transmission network demand

Develop high voltage distribution and sub-transmission switching programs

Coordinate high voltage distribution and sub-transmission networks

Develop and evaluate power systems transmission switching programs
\[ UETTDRSO41 \text{ Manage power systems transmission networks} \]
\[ UETTDRSO42 \text{ Manage power systems transmission network demand} \]
\[ UETTDRSO47 \text{ Coordinate high voltage transmission network} \]

**UETTDRSO50**  
Respond to complex power system protection operations  

Common Unit Group

\[ UEEENEED104A \text{ Use engineering applications software on personal computers} \]
\[ UEEENEEE101A \text{ Apply Occupational Health and Safety regulations, codes and practices in the workplace} \]
\[ UEEENEEE102A \text{ Fabricate, assemble and dismantle utilities industry components} \]
\[ UEEENEEE104A \text{ Solve problems in d.c. circuits} \]
\[ UEEENEEE107A \text{ Use drawings, diagrams, schedules, standards, codes and specifications} \]
\[ UEEENEEE124A \text{ Compile and produce an energy sector detailed report} \]
\[ UEEENEEE125A \text{ Provide engineering solutions for problems in complex multiple path circuits} \]
\[ UEEENEEE126A \text{ Provide solutions to basic engineering computational problems} \]
\[ UEEENEEG101A \text{ Solve problems in electromagnetic devices and related circuits} \]
\[ UEEENEEG102A \text{ Solve problems in low voltage a.c. circuits} \]
\[ UEEENEEG149A \text{ Provide engineering solutions to problems in complex polyphase power circuits} \]
\[ UETTDREL11 \text{ Apply sustainable energy and environmental procedures} \]
\[ UETTDREL16 \text{ Working safely near live electrical apparatus} \]
\[ UETTDRIS62 \text{ Implement and monitor the power system organisational WHS/OHS policies, procedures and programs} \]
\[ UETTDRIS63 \text{ Implement & monitor power system environmental & sustainable energy management policies & procedures} \]
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO48 Respond to discrete and interdependent protection operations
- UETTDRSO49 Coordinate power system operations in a regulated energy market

Generation/Distribution and Sub-transmission Pathway Unit Group

- UETTDRSO34 Control power systems generating plant
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Generation/Transmission Pathway Unit Group

- UETTDRSO34 Control power systems generating plant
- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO47 Coordinate high voltage transmission network

Distribution and Sub-transmission Pathway Unit Group

- UETTDRSO35 Manage high voltage distribution and sub-transmission network demand
- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs
- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group

- UETTDRSO38 Develop and evaluate power systems transmission switching programs
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO42 Manage power systems transmission network demand
- UETTDRSO47 Coordinate high voltage transmission network

UETTDRSO51 Manage network systems power flows 180
Common Unit Group

- UEEENED104A Use engineering applications software on personal computers
- UEEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEE104A Solve problems in d.c. circuits
- UEEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEE124A Compile and produce an energy sector detailed report
- UEEENEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEE126A Provide solutions to basic engineering computational problems
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDDREL11 Apply sustainable energy and environmental procedures
- UETTDDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRSO32 Manage power systems network faults
- UETTDRSO41 Manage power systems transmission networks
- UETTDRSO48 Respond to discrete and interdependent protection operations
- UETTDRSO49 Coordinate power system operations
in a regulated energy market

- UETTDRSO50 Respond to complex power system protection operations

Generation/Distribution and Sub-transmission Pathway Unit Group

- UETTDRSO34 Control power systems generating plant

- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs

- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Generation/Transmission Pathway Unit Group

- UETTDRSO34 Control power systems generating plant

- UETTDRSO38 Develop and evaluate power systems transmission switching programs

- UETTDRSO47 Coordinate high voltage transmission network

Distribution and Sub-transmission Pathway Unit Group

- UETTDRSO35 Manage high voltage distribution and sub-transmission network demand

- UETTDRSO37 Develop high voltage distribution and sub-transmission switching programs

- UETTDRSO40 Coordinate high voltage distribution and sub-transmission networks

Transmission Pathway Unit Group

- UETTDRSO38 Develop and evaluate power systems transmission switching programs

- UETTDRSO41 Manage power systems transmission networks

- UETTDRSO42 Manage power systems transmission network demand

- UETTDRSO47 Coordinate high voltage transmission network

UETTDRTS23 Conduct evaluation of power system substation faults

Common Unit Group

- UEENED104A Use engineering applications software on personal computers
uous energy and environmental procedures

- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

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Common Unit Group

- UEEENED104A Use engineering applications software on personal computers
- UEEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEEE104A Solve problems in d.c. circuits
- UEEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEEE124A Compile and produce an energy sector detailed report
- UEEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEEE126A Provide solutions to basic engineering computational problems
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits

- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRTS24 Design testing and commissioning procedures for field devices and substations

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Australian Industry Standards
∟ UEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
∟ UEENEEE124A Compile and produce an energy sector detailed report
∟ UEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
∟ UEENEEE126A Provide solutions to basic engineering computational problems
∟ UEENEEG101A Solve problems in electromagnetic devices and related circuits
∟ UEENEEG102A Solve problems in low voltage a.c. circuits
∟ UEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
∟ UETTDREL11 Apply sustainable energy and environmental procedures
∟ UETTDREL16 Working safely near live electrical apparatus
∟ UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
∟ UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Protection Relays and Meters Pathway Unit Group
∟ UETTDRTS28 Repair, test and calibrate protection relays and meters

Metering Pathway Unit Group
∟ UETTDRTS25 Maintain and test and metering schemes
∟ UETTDRTS26 Commission power systems metering schemes
∟ UETTDRTS29 Develop power systems secondary isolation instructional documents

Primary Plant Pathway Unit Group
∟ UETTDRTS29 Develop power systems secondary isolation instructional documents
∟ UETTDRTS32 Conduct evaluation of power systems primary plant
Protection Systems Pathway Unit Group

- UETTDRTS21 Maintain interdependent network protection and control systems
- UETTDRTS29 Develop power systems secondary isolation instructional documents
- UETTDRTS35 Maintain complex network protection and control systems

UETTDRTS30 Design power systems secondary isolation instructional documents

Common Unit Group

- UEEENEE104A Use engineering applications software on personal computers
- UEEENEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEE104A Solve problems in d.c. circuits
- UEEENEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEE124A Compile and produce an energy sector detailed report
- UEEENEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEE126A Provide solutions to basic engineering computational problems
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system
environmental & sustainable energy management policies & procedures

UETTDRTS32 Conduct evaluation of power systems primary plant 160

Common Unit Group

- UEEEEE104A Use engineering applications software on personal computers
- UEEEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEEEE104A Solve problems in d.c. circuits
- UEEEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEEEE124A Compile and produce an energy sector detailed report
- UEEEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEEEE126A Provide solutions to basic engineering computational problems
- UEEEEE101A Solve problems in electromagnetic devices and related circuits
- UEEEEE102A Solve problems in low voltage a.c. circuits
- UEEEEE149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRL1 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRL3 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRTS29 Develop power systems secondary isolation instructional documents

UETTDRTS33 Undertake power systems project management of substation augmentation and maintenance 180
Common Unit Group

- UEEENED104A Use engineering applications software on personal computers
- UEEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEEE104A Solve problems in d.c. circuits
- UEEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEEE124A Compile and produce an energy sector detailed report
- UEEENEEE125A Provide engineering solutions for problems in complex multiple path circuits
- UEEENEEE126A Provide solutions to basic engineering computational problems
- UEEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEEENEEG102A Solve problems in low voltage a.c. circuits
- UEEENEEG149A Provide engineering solutions to problems in complex polyphase power circuits
- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures

Protection Relays and Meters Pathway Unit Group

- UETTDRTS28 Repair, test and calibrate protection relays and meters

Metering Pathway Unit Group

- UETTDRTS25 Maintain and test metering schemes
- UETTDRTS26 Commission power systems metering
schemes

- UETTDRTS29 Develop power systems secondary isolation instructional documents

Primary Plant Pathway Unit Group

- UETTDRTS29 Develop power systems secondary isolation instructional documents
- UETTDRTS32 Conduct evaluation of power systems primary plant

Protection Systems Pathway Unit Group

- UETTDRTS21 Maintain interdependent network protection and control systems
- UETTDRTS29 Develop power systems secondary isolation instructional documents
- UETTDRTS35 Maintain complex network protection and control systems

UETTDRTS35 Maintain complex network protection and control systems

Common Unit Group

- UEENEED104A Use engineering applications software on personal computers
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- UEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEENEEE104A Solve problems in d.c. circuits
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- UEENEEE126A Provide solutions to basic engineering computational problems
- UEENEEG101A Solve problems in electromagnetic devices and related circuits
- UEENEEG102A Solve problems in low voltage a.c. circuits
- UEENEEG149A Provide engineering solutions to
problems in complex polyphase power circuits

- UETTDREL11 Apply sustainable energy and environmental procedures
- UETTDREL16 Working safely near live electrical apparatus
- UETTDRIS62 Implement and monitor the power system organisational WHS/OHS policies, procedures and programs
- UETTDRIS63 Implement & monitor power system environmental & sustainable energy management policies & procedures
- UETTDRTS21 Maintain interdependent network protection and control systems
- UETTDRTS29 Develop power systems secondary isolation instructional documents

**UETTDRTS36 Commission complex network protection and control systems**

**Common Unit Group**

- UEEENED104A Use engineering applications software on personal computers
- UEEENEEE101A Apply Occupational Health and Safety regulations, codes and practices in the workplace
- UEEENEEE102A Fabricate, assemble and dismantle utilities industry components
- UEEENEEE104A Solve problems in d.c. circuits
- UEEENEEE107A Use drawings, diagrams, schedules, standards, codes and specifications
- UEEENEEE124A Compile and produce an energy sector detailed report
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- UEEENEEE126A Provide solutions to basic engineering computational problems
- UEEENEH101A Solve problems in electromagnetic devices and related circuits
- UEEENEH102A Solve problems in low voltage a.c. circuits
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埙 UETTDRTS21  Maintain interdependent network protection and control systems
埙 UETTDRTS22  Commission interdependent network protection and control systems
埙 UETTDRTS29  Develop power systems secondary isolation instructional documents
埙 UETTDRTS35  Maintain complex network protection and control systems

Qualification Mapping Information
This qualification replaces and is equivalent to UET60212 Advanced Diploma of ESI - Power Systems

Links