

UEE22020 Certificate II in Electrotechnology (Career Start)
<ul style="list-style-type: none"> • All core units available • 12 elective units available
Core Units
CPCWHS1001 Prepare to work safely in the construction industry
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0009 Carry out routine work activities in an energy sector environment
UEECD0021 Identify and select components, accessories and materials for energy sector work activities
UEECD0038 Provide solutions and report on routine electrotechnology problems
UEECD0046 Solve problems in single path circuits
UEECD0052 Use routine equipment/plant/technologies in an energy sector environment
UEERE0021 Provide basic sustainable energy solutions for energy reduction in residential premises (superseded) or UEERE0087 Provide basic sustainable energy solutions for energy management in residential premises (current)
Elective Units
HLTAID009 Provide cardiopulmonary resuscitation
UEECD0035 Provide basic instruction in the use of electrotechnology apparatus
UEECO0002 Maintain documentation
ICTICT214 Operate application software packages
UEEAS0001 Assemble electronic components
UEEAS0004 Select electronic components for assembly
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0033 Produce products for carrying out energy sector work activities
UEECD0034 Produce routine tools/devices for carrying out energy sector work activities
UEERE0001 Apply environmentally and sustainable procedures in the energy sector
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply

UEE22120 Certificate II in Sustainable Energy (Career Start)
<ul style="list-style-type: none"> • All core units available • 17 elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0043 Solve problems in direct current circuits
UEERE0001 Apply environmentally and sustainable procedures in the energy sector
UEERE0020 Promote sustainable energy practices in the community (superseded) or UEERE0086 Promote sustainable energy practices (current)
UEERE0021 Provide basic sustainable energy solutions for energy reduction in residential premises (superseded) or UEERE0087 Provide basic sustainable energy solutions for energy management in residential premises (current)
Elective Units
CPCWHS1001 Prepare to work safely in the construction industry
HLTAID009 Provide cardiopulmonary resuscitation
UEECO0002 Maintain documentation
UEECD0035 Provide basic instruction in the use of electrotechnology apparatus
ICTICT214 Operate application software packages
UEEAS0001 Assemble electronic components
UEEAS0004 Select electronic components for assembly
UEECD0009 Carry out routine work activities in an energy sector environment
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0021 Identify and select components, accessories and materials for energy sector work activities
UEECD0033 Produce products for carrying out energy sector work activities
UEECD0034 Produce routine tools/devices for carrying out energy sector work activities
UEECD0038 Provide solutions and report on routine electrotechnology problems
UEECD0052 Use routine equipment/plant/technologies in an energy sector environment
UEERA0059 Prepare and connect refrigerant tubing and fittings
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply

UEE20120 Certificate II in Split Air Conditioning and Heat Pump Systems
<ul style="list-style-type: none"> • 8 out of 10 core units available • 8 elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0027 Participate in development and follow a personal competency development plan
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEERA0059 Prepare and connect refrigerant tubing and fittings
UEERE0001 Apply environmentally and sustainable procedures in the energy sector
Elective Units
CPCWHS1001 Prepare to work safely in the construction industry
HLTAID009 Provide cardiopulmonary resuscitation
UEECD0035 Provide basic instruction in the use of electrotechnology apparatus
UEECO0002 Maintain documentation
UEECO0017 Source and purchase material/parts for installation or service jobs
UEERA0035 Establish the basic operating conditions of air conditioning systems
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEERL0003 Conduct in-service safety testing of electrical cord connected equipment and cord assemblies

UEE30820 Certificate III in Electrotechnology Electrician
<ul style="list-style-type: none"> • All core units available • 16 elective units available
Core Units
HLTAID009 Provide cardiopulmonary resuscitation
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0044 Solve problems in multiple path circuits
UEECD0046 Solve problems in single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEECO0023 Participate in electrical work and competency development activities
UEEEL0003 Arrange circuits, control and protection for electrical installations
UEEEL0005 Develop and connect electrical control circuits
UEEEL0008 Evaluate and modify low voltage heating equipment and controls
UEEEL0009 Evaluate and modify low voltage lighting circuits, equipment and controls
UEEEL0010 Evaluate and modify low voltage socket outlets circuits
UEEEL0012 Install low voltage wiring, appliances, switchgear and associated accessories
UEEEL0014 Isolate, test and troubleshoot low voltage electrical circuits
UEEEL0018 Select wiring systems and select cables for low voltage electrical installations
UEEEL0019 Solve problems in direct current (d.c.) machines
UEEEL0020 Solve problems in low voltage a.c. circuits
UEEEL0021 Solve problems in magnetic and electromagnetic devices
UEEEL0023 Terminate cables, cords and accessories for low voltage circuits
UEEEL0024 Test and connect alternating current (a.c.) rotating machines
UEEEL0025 Test and connect transformers
UEEEL0039 Design, install and verify compliance and functionality of general electrical installations
UEEEL0047 Identify, shut down and restart systems with alternate supplies
UEERE0001 Apply environmentally and sustainable procedures in the energy sector
UETDRRF004 Perform rescue from a live LV panel
Elective Units
UEEAS0007 Assemble, mount and connect control gear and switchgear
UEEAS0009 Mount and wire control panel equipment
UEEDV0005 Install and maintain cabling for multiple access to telecommunication services
UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling
UEEEL0049 Install and maintain emergency safety systems
UEEEL0076 Inspect, test and maintain emergency lighting systems
UEEIC0002 Assemble, enter and verify operating instructions in microprocessor equipped devices
UEEIC0013 Develop, enter and verify discrete control programs for programmable controllers
UEERA0035 Establish the basic operating conditions of air conditioning systems
UEERA0059 Prepare and connect refrigerant tubing and fittings
UEERE0049 Apply safe work practices in the rooftop solar industry
UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems
UEERE0077 Install battery storage equipment power conversion equipment to grid
UEERE0078 Install battery storage to power conversion equipment
UEERE0080 Install photovoltaic power conversion equipment to grid
UEERE0081 Install photovoltaic systems to power conversion equipment

UEE32225 Certificate III in Air Conditioning and Refrigeration
<ul style="list-style-type: none"> • 15 out of 27 core units available • 7 elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0042 Solve problems in ELV single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEECO0010 Participate in refrigeration and air conditioning work and competency development activities
UEERA0035 Establish the basic operating conditions of air conditioning systems
UEERA0059 Prepare and connect refrigerant tubing and fittings
UEERA0092 Solve problems in low voltage refrigeration and air conditioning circuits
UEERE0001 Apply environmentally and sustainable procedures in the energy sector
UEERL0001 Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEERL0002 Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c.
UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring
UEERL0005 Locate and rectify faults in low voltage (LV) electrical equipment using set procedures
Elective Units
CPCWHS1001 Prepare to work safely in the construction industry
HLTAID009 Provide cardiopulmonary resuscitation
ICTICT214 Operate application software packages
UEECO0002 Maintain documentation
UEECO0017 Source and purchase material/parts for installation or service jobs
UETDRMP007 Perform rescue from a live low voltage panel
UEEIC0013 Develop, enter and verify discrete control programs for programmable controllers

UEE33020 Certificate III in Electrical Fitting
<ul style="list-style-type: none"> • All core units available • 14 elective units available
Core Units
HLTAID009 Provide cardiopulmonary resuscitation
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0016 Document and apply measures to control WHS risks associated with electrotechnology work
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0020 Fix and secure electrotechnology equipment
UEECD0044 Solve problems in multiple path circuits
UEECD0046 Solve problems in single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEECO0023 Participate in electrical work and competency development activities
UEEEL0003 Arrange circuits, control and protection for electrical installations
UEEEL0005 Develop and connect electrical control circuits
UEEEL0014 Isolate, test and troubleshoot low voltage electrical circuits
UEEEL0019 Solve problems in direct current (d.c.) machines
UEEEL0020 Solve problems in low voltage a.c. circuits
UEEEL0021 Solve problems in magnetic and electromagnetic devices
UEEEL0023 Terminate cables, cords and accessories for low voltage circuits
UEEEL0024 Test and connect alternating current (a.c.) rotating machines
UEEEL0025 Test and connect transformers
UEEEL0028 Conduct compliance and functional verification of electrical apparatus and existing circuits
UEEEL0047 Identify, shut down and restart systems with alternate supplies
UEERE0001 Apply environmentally and sustainable procedures in the energy sector
Elective Units
UEEAS0007 Assemble, mount and connect control gear and switchgear
UEEAS0009 Mount and wire control panel equipment
UEEDV0005 Install and maintain cabling for multiple access to telecommunication services
UEEDV0008 Install, modify and verify coaxial and structured communication copper cabling
UEEEL0008 Evaluate and modify low voltage heating equipment and controls
UEEEL0009 Evaluate and modify low voltage lighting circuits, equipment and controls
UEEEL0010 Evaluate and modify low voltage socket outlets circuits
UEEIC0002 Assemble, enter and verify operating instructions in microprocessor equipped devices
UEEIC0013 Develop, enter and verify discrete control programs for programmable controllers
UEERA0035 Establish the basic operating conditions of air conditioning systems
UEERA0059 Prepare and connect refrigerant tubing and fittings
UEERL0004 Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring
UEERL0005 Locate and rectify faults in low voltage (LV) electrical equipment using set procedures
UETDRMP007 Perform rescue from a live low voltage panel

UEE43322 Certificate IV in Electrical – Renewable Energy
<ul style="list-style-type: none"> • All core units available • 15 elective units available (sufficient selection from each group)
Core Units
UEECD0010 Compile and produce an energy sector detailed report
UEECD0024 Implement and monitor energy sector WHS policies and procedures
UEERE0049 Apply safe work practices in the rooftop solar industry
UEERE0054 Conduct site survey for grid-connected photovoltaic and battery storage systems
UEERE0078 Install battery storage to power conversion equipment
UEERE0081 Install photovoltaic systems to power conversion equipment
UEERE0082 Maintain renewable energy (RE) apparatus
Elective Units – Group a
UEEEL0047 Identify, shut down and restart systems with alternate supplies
UEERE0050 Identify and isolate multiple supply systems
Elective Units – Group b
UEERE0077 Install battery storage equipment power conversion equipment to grid
UEERE0080 Install photovoltaic power conversion equipment to grid
Elective Units – Group c
UEERE0070 Fault find and repair grid-connected photovoltaic power supply systems
Elective Units – Group d
UEERE0060 Design grid-connected battery storage systems
UEERE0061 Design grid-connected photovoltaic power supply systems
Elective Units – Group e
UEEDV0005 Install and maintain cabling for multiple access to telecommunication services
UEEIC0002 Assemble, enter and verify operating instructions in microprocessor equipped devices
UEEIC0013 Develop, enter and verify discrete control programs for programmable controllers
UEEEL0040 Develop compliance policies and plans to conduct an electrical contracting business (available 2026)
UEERE0061 Design grid-connected photovoltaic power supply systems
Elective Units – Group e
ICTICT214 Operate application software packages
UEECD0035 Provide basic instruction in the use of electrotechnology apparatus
UEECO0017 Source and purchase material/parts for installation or service jobs
UEERE0086 Promote sustainable energy practices

UEE Skills Sets – all required units available
UEESS00131 Data Communications - ACMA 'Open' Cabling Provider Skill Set
UEESS00133 Restricted - Disconnection/Reconnection of Fixed Wired Low Voltage Electrical Equipment
UEESS00170 Install and Modify Performance Data Communication Optical Fibre Cabling Skill Set
UEESS00169 Data Communications - Install and Modify Performance Data Communication Structured Cabling Skill Set
UEESS00172 Attachment of Cords and Plugs to Single Phase Low Voltage Electrical Equipment Skill Set
UEESS00173 Attachment of Cords/Cables and Plugs to Low Voltage Three Phase Electrical Equipment Skill Set
UEESS00174 Electrical Safety Testing of Electrical Cord Connected Equipment and Cord Assemblies Skill Set
UEESS00182 Identify and Isolate Multiple Supply Systems
UEESS00191 Grid-connected Battery Storage Systems Designer-Installer Skill Set
UEESS00192 Grid-connected Battery Storage Systems Installer Skill Set
UEESS00193 Grid-connected Photovoltaic and Battery Storage Systems Designer Skill Set
UEESS00194 Grid-connected Photovoltaic Systems Designer-Installer Skill Set
UEESS00195 Grid-connected Photovoltaic Systems Installer Skill Set
UEESS00196 Grid-connected Renewable Energy System Site Surveyor Skill Set

UET30521 Certificate III in ESI Transmission Overhead
<ul style="list-style-type: none"> • 7 out of 20 core units available • No elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0044 Solve problems in multiple path circuits
UEECD0046 Solve problems in single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEEEL0020 Solve problems in low voltage a.c. circuits
UEEEL0021 Solve problems in magnetic and electromagnetic devices
Elective Units
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UET30621 Certificate III in ESI Distribution Overhead
<ul style="list-style-type: none"> • 7 out of 20 core units available • 2 elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0044 Solve problems in multiple path circuits
UEECD0046 Solve problems in single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEEEL0020 Solve problems in low voltage a.c. circuits
UEEEL0021 Solve problems in magnetic and electromagnetic devices
Elective Units
HLTAID009 Provide cardiopulmonary resuscitation
UETDRMP018 Perform rescue from a live low voltage panel

UET30721 Certificate III in ESI Rail Traction
<ul style="list-style-type: none"> • 7 out of 26 core units available • No elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0044 Solve problems in multiple path circuits
UEECD0046 Solve problems in single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEEEL0020 Solve problems in low voltage a.c. circuits
UEEEL0021 Solve problems in magnetic and electromagnetic devices
Elective Units
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UET30821 Certificate III in ESI Distribution Underground
<ul style="list-style-type: none"> • 7 out of 18 core units available • No elective units available
Core Units
UEECD0007 Apply work health and safety regulations, codes and practices in the workplace
UEECD0019 Fabricate, assemble and dismantle utilities industry components
UEECD0044 Solve problems in multiple path circuits
UEECD0046 Solve problems in single path circuits
UEECD0051 Use drawings, diagrams, schedules, standards, codes and specifications
UEEEL0020 Solve problems in low voltage a.c. circuits
UEEEL0021 Solve problems in magnetic and electromagnetic devices
Elective Units
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