

Training package details



UEE - Electrotechnology Training Package

Summary

Releases:

Release	Status	Release date	Approval process
6.0	Current	2023/02/08	Endorsement date: 2023/02/08
5.0	Replaced	2022/12/20	Endorsement date: 2022/10/12
4.0	Replaced	2022/10/24	Endorsement date: 2022/08/17
3.2	Replaced	2022/07/19	Minor upgrade (Approval date: 2022/07/19)
3.1	Replaced	2022/03/23	Minor upgrade (Approval date: 2022/03/23)
3.0	Replaced	2021/10/14	Endorsement date: 2021/08/19
2.0	Replaced	2020/10/05	Endorsement date: 2020/08/12
1.0	Replaced	2017/04/18	Endorsement date: 2017/04/18

Usage recommendation: **Current**

Training Package Developer

Organisation: **Powering Skills Organisation**
Web address: <https://poweringskills.com.au/>

Mapping information

Mapping	Notes	Date
Supersedes UEE11 - Electrotechnology Training Package	Updated to align with the Standards for Training Packages 2012	2017/04/18

Training package components

Qualifications

Code	Title	Usage	Release
UEE10120	Certificate I in ElectroComms Skills	Current	1
UEE20120	Certificate II in Split Air Conditioning and Heat Pump Systems	Current	2
UEE20520	Certificate II in Computer Assembly and Repair	Current	1
UEE20720	Certificate II in Data and Voice Communications	Current	2
UEE20920	Certificate II in Electronic Assembly	Current	2
UEE21020	Certificate II in Fire Alarms Servicing	Current	2
UEE21220	Certificate II in Antennae Equipment	Current	2
UEE21420	Certificate II in Remote Area Power Supply Maintenance	Current	2
UEE21620	Certificate II in Security Assembly and Set-up	Current	1
UEE21720	Certificate II in Technical Support	Current	2
UEE21920	Certificate II in Electronics	Current	1
UEE22020	Certificate II in Electrotechnology (Career Start)	Current	2
UEE22120	Certificate II in Sustainable Energy (Career Start)	Current	2
UEE30120	Certificate III in Business Equipment	Current	2
UEE30220	Certificate III in Computer Systems Equipment	Current	2
UEE30320	Certificate III in Custom Electronics Installations	Current	2
UEE30420	Certificate III in Data and Voice Communications	Current	2
UEE30620	Certificate III in Electrical Machine Repair	Current	2

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Code		Title	Usage	Release
UEE30720		Certificate III in Switchgear and Controlgear	Current	2
UEE30820		Certificate III in Electrotechnology Electrician	Current	3
UEE30920		Certificate III in Electronics and Communications	Current	2
UEE31020		Certificate III in Fire Protection Control	Current	2
UEE31220		Certificate III in Instrumentation and Control	Current	2
UEE31420		Certificate III in Security Equipment	Current	2
UEE32020		Certificate III in Renewable Energy - ELV	Deleted	2
UEE32120		Certificate III in Appliance Service	Current	2
UEE32220		Certificate III in Air Conditioning and Refrigeration	Current	3
UEE33020		Certificate III in Electrical Fitting	Current	3
UEE40120		Certificate IV in Computer Systems	Current	1
UEE40220		Certificate IV in Electrical - Data and Voice Communications	Current	2
UEE40320		Certificate IV in Installation Inspection and Audits	Current	2
UEE40420		Certificate IV in Electrical - Instrumentation	Current	2
UEE40520		Certificate IV in Electrical - Air Conditioning Split Systems	Current	2
UEE40620		Certificate IV in Electrotechnology - Systems Electrician	Current	3
UEE40720		Certificate IV in Electronics and Communications	Current	1
UEE40820		Certificate IV in Electrical - Fire Protection Control Systems	Current	2
UEE40920		Certificate IV in Industrial Electronics and Control	Current	3
UEE41020		Certificate IV in Energy Management and Control	Current	2
UEE41120		Certificate IV in Electrical - Lift Systems	Current	2
UEE41220		Certificate IV in Electrical - Rail Signalling	Superseded	2
UEE41520		Certificate IV in Video and Audio Systems	Current	1
UEE41620		Certificate IV in Renewable Energy	Deleted	2
UEE41720		Certificate IV in Rail - Communications and Network Systems	Current	2
UEE41920		Certificate IV in Electrical - Renewable Energy	Superseded	2
UEE42020		Certificate IV in Electrical - Photovoltaic systems	Superseded	2
UEE42120		Certificate IV in Electrotechnology - Electrical Contracting	Current	2
UEE42220		Certificate IV in Instrumentation and Control	Current	2
UEE42620		Certificate IV in Hazardous areas - Electrical	Superseded	2
UEE42720		Certificate IV in Air Conditioning and Refrigeration Servicing	Current	2
UEE42820		Certificate IV in Air-conditioning Systems Energy Management and Control	Current	2
UEE42920		Certificate IV in Refrigeration and Air Conditioning Systems	Current	2
UEE43020		Certificate IV in Electrical Equipment and Systems	Current	2
UEE43120		Certificate IV in Energy Efficiency and Assessment	Superseded	1
UEE43220		Certificate IV in Industrial Automation and Control	Current	2
UEE50120		Diploma of Computer Systems Engineering	Superseded	1
UEE50220		Diploma of Electrical and Instrumentation	Current	1
UEE50320		Diploma of Electrical and Refrigeration and Air Conditioning	Current	3
UEE50420		Diploma of Electrical Engineering	Current	2
UEE50520		Diploma of Electronics and Communications Engineering	Current	1
UEE50720		Diploma of Renewable Energy Engineering	Superseded	1
UEE50920		Diploma of Industrial Electronics and Control Engineering	Current	1

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Code	Title	Usage	Release
UEE51020	Diploma of Instrumentation and Control Engineering	Current	1
UEE51120	Diploma of Engineering Technology - Refrigeration and Air Conditioning	Current	2
UEE51220	Diploma of Air Conditioning and Refrigeration Engineering	Current	2
UEE53020	Diploma of Electrical Systems Engineering	Current	1
UEE60220	Advanced Diploma of Electronics and Communications Engineering	Current	1
UEE60420	Advanced Diploma of Computer Systems Engineering	Deleted	1
UEE60620	Advanced Diploma of Industrial Electronics and Control Engineering	Current	1
UEE60920	Advanced Diploma of Renewable Energy Engineering	Superseded	1
UEE61220	Advanced Diploma of Engineering - Explosion protection	Superseded	1
UEE61521	Advanced Diploma of Instrumentation and Control Engineering	Current	1
UEE61720	Advanced Diploma of Engineering Technology - Electronics	Current	1
UEE61820	Advanced Diploma of Engineering Technology - Computer Systems	Deleted	1
UEE62020	Advanced Diploma of Engineering Technology - Renewable Energy	Superseded	1
UEE62120	Advanced Diploma of Engineering Technology - Electrical	Superseded	2
UEE62220	Advanced Diploma of Electrical - Engineering	Current	2
UEE62320	Advanced Diploma of Electrical Engineering - Coal Mining	Current	1
UEE62420	Advanced Diploma of Engineering Technology - Air Conditioning and Refrigeration	Current	1
UEE62520	Advanced Diploma of Air Conditioning and Refrigeration Engineering	Current	2
UEE63020	Advanced Diploma of Electrical Systems Engineering	Current	2

Skill sets

Code	Title	Release
UEESS00175	Apply Compliance Requirements to all Aspects of Electrical Work Skill Set	1
UEESS00176	Apply Currency of Safe Working Practices and Compliance Verification of Electrical Installations	1
UEESS00172	Attachment of Cords and Plugs to Single Phase Low Voltage Electrical Equipment Skill Set	1
UEESS00173	Attachment of Cords/Cables and Plugs to Low Voltage Three Phase Electrical Equipment Skill Set	1
UEESS00131	Data Communications - ACMA 'Open' Cabling Provider Skill Set	1
UEESS00132	Data Communications - ACMA 'Restricted' Telecommunications Cabling Registration Skill Set	1
UEESS00134	Data Communications - Install Aerial Communication Cables Skill Set	1
UEESS00169	Data Communications - Install and Modify Performance Data Communication Structured Cabling Skill Set	1
UEESS00137	Data Communications - Install Below Ground Communication Cables Skill Set	1
UEESS00177	Data Communications - Plan an Integrated Cabling Installation System - Electricians Skill Set	1
UEESS00142	Data Communications - Plan an Integrated Cabling Installation System Skill Set	1
UEESS00140	Data Communications - Premises Cabling for NBN Rollout Skill Set	1
UEESS00139	Data Communications - Restricted Telecommunications Cabler Registration - ACMA Skill Set	1
UEESS00138	Data Communications - Test, Report and Rectify Faults in Data and Voice Installations Skill Set	1
UEESS00178	Electrical - Develop and Implement Maintenance Programs Skill Set	1
UEESS00181	Electrical - Inspect, Test and Maintain Emergency Lighting and Alarm Systems and Equipment	1

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Code	Title	Release
UEESS00179	Electrical - Install and Set Up Interval Metering Skill Set	1
UEESS00180	Electrical - Plan, Manage and Report on Electrical Projects Skill Set	1
UEESS00141	Electrical - Providing Advice on Lighting Products Skill Set	1
UEESS00174	Electrical Safety Testing of Electrical Cord Connected Equipment and Cord Assemblies Skill Set	1
UEESS00171	Fire Detection and Alarm Systems - Installation, Maintenance, Commissioning and Servicing Skill Set	1
UEESS00182	Identify and Isolate Multiple Supply Systems	1
UEESS00170	Install and Modify Performance Data Communication Optical Fibre Cabling Skill Set	1
UEESS00143	Instrumentation - Develop an Integrated System Interface for Access Through a Touch Screen Skill Set	1
UEESS00144	Instrumentation - Develop Integrated Systems Skill Set	1
UEESS00145	Instrumentation - Plan the Installation of Integrated Systems Skill Set	1
UEESS00135	Instrumentation - Programmable Control Systems Skill Set	1
UEESS00146	RAC - Design Ammonia Refrigeration Systems Skill Set	1
UEESS00148	RAC - Design Hydrocarbon Refrigeration Systems Skill Set	1
UEESS00149	RAC - Design Secondary Refrigeration Systems Skill Set	1
UEESS00183	RAC - Inspect, Test and Repair Fire and Smoke Control Features of Mechanical Services Systems	1
UEESS00150	RAC - Install and Commission Ammonia Refrigeration Systems Skill Set	1
UEESS00151	RAC - Install and Commission Carbon Dioxide Refrigeration Systems Skill Set	1
UEESS00152	RAC - Install and Commission Flammable Refrigerant Air Cond. and Refrigeration Systems Skill Set	1
UEESS00184	RAC - Install, Commission, Service and Maintain Variable Refrigerant Flow Air Conditioning Systems	1
UEESS00153	RAC - Operate Ammonia Refrigeration Plant Skill Set	1
UEESS00154	RAC - Service and Repair Ammonia Refrigeration Systems Skill Set	1
UEESS00155	RAC - Service and Repair Carbon Dioxide Refrigeration and Heat Pump Systems Skill Set	1
UEESS00156	RAC - Service and Repair Carbon Dioxide Refrigeration Systems Skill Set	1
UEESS00157	RAC - Service and Repair Flammable Refrigerant Refrigeration and Air Conditioning Systems Skill Set	1
UEESS00158	RAC - Service and Repair Secondary Refrigeration Systems Skill Set	1
UEESS00147	RAC- Design Complex Carbon Dioxide Refrigeration Systems Skill Set	1
UEESS00133	Restricted - Disconnection/Reconnection of Fixed Wired Low Voltage Electrical Equipment	1
UEESS00159	Sustainable - Designer of Grid Connected Photovoltaic Systems Skill Set	1
UEESS00185	Sustainable - Designer-Installer of Grid Connected Photovoltaic Systems Skill Set	1
UEESS00136	Sustainable - Electrical Installations Sustainability Strategies Skill Set	1
UEESS00161	Sustainable - Energy Assessment of Commercial Facilities Skill Set	1
UEESS00162	Sustainable - Energy Assessment of Industrial Properties and Enterprises Skill Set	1
UEESS00163	Sustainable - Energy Assessment of Residential, Office and Retail Premises Skill Set	1
UEESS00164	Sustainable - Energy Efficiency Auditor Skill Set	1
UEESS00165	Sustainable - Energy Efficiency Systems Designer Skill Set	1
UEESS00166	Sustainable - Energy Efficiency Systems Developer Skill Set	1
UEESS00167	Sustainable - Identify Energy Efficiency Strategies Skill Set	1
UEESS00186	Sustainable - Installer of Grid Connected Photovoltaic Systems Skill Set	1

Units of competency

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Code	Title	Usage	Release
UEEAS0001	Assemble electronic components	Current	1
UEEAS0002	Conduct quality and functional tests on assembled electronic apparatus	Current	1
UEEAS0003	Modify electronic sub-assemblies	Current	1
UEEAS0004	Select electronic components for assembly	Current	1
UEEAS0005	Set up and check electronic component assembly machines	Current	1
UEEAS0006	Use lead-free soldering techniques	Current	1
UEEAS0007	Assemble, mount and connect control gear and switchgear	Current	1
UEEAS0008	Fabricate and assemble bus bars	Current	1
UEEAS0009	Mount and wire control panel equipment	Current	1
UEECD0001	Analyse materials for suitability in electrical equipment	Current	1
UEECD0002	Analyse static and dynamic parameters of electrical equipment	Current	1
UEECD0003	Apply industry and community standards to engineering activities	Current	1
UEECD0004	Apply material science to solving electrotechnology engineering problems	Current	1
UEECD0005	Apply physics to solving electrotechnology engineering problems	Current	1
UEECD0006	Apply technologies and concepts to energy sector work activities	Current	1
UEECD0007	Apply work health and safety regulations, codes and practices in the workplace	Current	1
UEECD0008	Carry out preparatory energy sector work activities	Current	1
UEECD0009	Carry out routine work activities in an energy sector environment	Current	1
UEECD0010	Compile and produce an energy sector detailed report	Current	1
UEECD0011	Comply with scheduled and preventative maintenance program processes	Current	1
UEECD0012	Contribute to risk management in electrotechnology systems	Current	1
UEECD0013	Develop and implement energy sector maintenance programs	Current	1
UEECD0014	Develop design briefs for electrotechnology projects	Current	1
UEECD0015	Develop engineering solutions to photonic system problems	Current	1
UEECD0016	Document and apply measures to control WHS risks associated with electrotechnology work	Current	2
UEECD0017	Establish and follow a competency development plan in an electrotechnology engineering discipline	Current	1
UEECD0018	Establish, maintain and evaluate energy sector WHS/OHS systems	Current	1
UEECD0019	Fabricate, assemble and dismantle utilities industry components	Current	1
UEECD0020	Fix and secure electrotechnology equipment	Current	1
UEECD0021	Identify and select components, accessories and materials for energy sector work activities	Current	1
UEECD0022	Identify building techniques, methods and materials used in energy sector work activities	Current	1
UEECD0023	Identify effects of energy on machinery and materials in an energy sector environment	Current	1
UEECD0024	Implement and monitor energy sector WHS policies and procedures	Current	1
UEECD0025	Lay wiring/cabling and terminate accessories for extra-low voltage (ELV) circuits	Current	1
UEECD0026	Manage risk in electrotechnology activities	Current	1
UEECD0027	Participate in development and follow a personal competency development plan	Current	1
UEECD0028	Plan an integrated cabling installation system	Current	1
UEECD0029	Plan electrotechnology projects	Current	1

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Code	Title	Usage	Release
UEECD0030	Prepare electrotechnology/utilities drawings using manual drafting and CAD equipment and software	Current	1
UEECD0031	Prepare engineering drawings using manual drafting and CAD for electrotechnology applications	Current	1
UEECD0032	Produce detailed electrotechnology/utilities drawings using CAD equipment and software	Current	1
UEECD0033	Produce products for carrying out energy sector work activities	Current	1
UEECD0034	Produce routine tools/devices for carrying out energy sector work activities	Current	1
UEECD0035	Provide basic instruction in the use of electrotechnology apparatus	Current	1
UEECD0036	Provide engineering solutions for problems in complex multiple path circuits	Current	1
UEECD0037	Provide engineering solutions for uses of materials and thermodynamic effects	Current	1
UEECD0038	Provide solutions and report on routine electrotechnology problems	Current	1
UEECD0039	Provide solutions to basic engineering computational problems	Current	1
UEECD0040	Solve basic problems electronic and digital equipment and circuits	Current	1
UEECD0041	Solve electrotechnical engineering problems	Current	1
UEECD0042	Solve problems in ELV single path circuits	Current	1
UEECD0043	Solve problems in direct current circuits	Current	1
UEECD0044	Solve problems in multiple path circuits	Current	1
UEECD0045	Solve problems in multiple path extra-low voltage (ELV) a.c. circuits	Current	1
UEECD0046	Solve problems in single path circuits	Current	1
UEECD0047	Supervise and coordinate energy sector work activities	Current	1
UEECD0048	Undertake computations in an energy sector environment	Current	1
UEECD0049	Use advanced computational processes to provide solutions to energy sector engineering problems	Current	1
UEECD0050	Use and maintain the integrity of a portable gas detection device	Current	2
UEECD0051	Use drawings, diagrams, schedules, standards, codes and specifications	Current	1
UEECD0052	Use routine equipment/plant/technologies in an energy sector environment	Current	1
UEECD0053	Write specifications for computer systems engineering projects	Current	1
UEECD0054	Write specifications for electronics and communications engineering projects	Current	1
UEECD0055	Write specifications for industrial electronics and control projects	Current	1
UEECD0056	Apply methods to maintain currency of industry developments	Current	1
UEECD0057	Manage electrotechnology projects	Current	1
UEECD0058	Observe safety practices are followed in the vicinity of isolated electrical cables	Deleted	1
UEECD0059	Write specifications for electrical engineering projects	Current	1
UEECD0060	Write specifications for electrotechnology engineering projects	Current	1
UEECD0061	Write specifications for refrigeration and air conditioning engineering projects	Current	1
UEECD0062	Write specifications for renewable energy engineering projects	Current	1
UEECD0063	Write work activity reports	Current	1
UEECO0001	Estimate electrotechnology projects	Current	1
UEECO0002	Maintain documentation	Current	1

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Code		Title	Usage	Release
UEECO0003		Manage contract variations	Current	1
UEECO0004		Participate in appliance servicing work and competency development activities	Current	1
UEECO0005		Participate in business equipment work and competency development activities	Current	1
UEECO0006		Participate in computer equipment work and competency development activities	Current	1
UEECO0007		Participate in electronics and communications work and competency development activities	Current	1
UEECO0008		Participate in fire protection control work and competency development activities	Current	1
UEECO0009		Participate in instrumentation and control work and competency development activities	Current	1
UEECO0010		Participate in refrigeration and air conditioning work and competency development activities	Current	1
UEECO0011		Participate in security equipment work and competency development activities	Current	1
UEECO0012		Participate in voice and data communications work and competency development activities	Current	1
UEECO0013		Prepare specifications for the supply of materials and equipment for electrotechnology projects	Current	1
UEECO0014		Prepare tender submissions for electrotechnology projects	Current	1
UEECO0015		Provide quotations for installation or service jobs	Current	1
UEECO0016		Receive and store materials and equipment for electrotechnology work	Current	1
UEECO0017		Source and purchase material/parts for installation or service jobs	Current	1
UEECO0018		Contribute to the commercialisation of products/applications/services	Current	1
UEECO0019		Contribute to the conduct of a research project	Current	1
UEECO0020		Contribute to the development of a product/application/service	Current	1
UEECO0021		Contribute to the planning of a research project	Current	1
UEECO0022		Participate in electrical machine repair work and competency development activities	Current	1
UEECO0023		Participate in electrical work and competency development activities	Current	1
UEECO0024		Participate in switchgear and control gear work and competency development activities	Current	1
UEECO0025		Provide quotations for inspection and compliance audit services	Current	1
UEECS0001		Administer computer networks	Current	1
UEECS0002		Analyse and implement biometric measuring techniques and applications	Current	1
UEECS0003		Assemble, set up and test computing devices	Current	1
UEECS0004		Commission industrial computer systems	Current	1
UEECS0005		Design and implement advanced routing for internetworking systems	Current	1
UEECS0006		Design and implement multi-layer switching for internetworking systems	Current	1
UEECS0007		Design and implement network systems for internetworking	Current	1
UEECS0008		Design and implement remote access for internetworking systems	Current	1
UEECS0009		Design and implement security for internetworking systems	Current	1
UEECS0010		Design and implement wireless LANs/WANs for internetworking systems	Current	1
UEECS0011		Design and manage enterprise computer networks	Current	1
UEECS0012		Design embedded controller control systems	Current	1

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Code		Title	Usage	Release
UEECS0013		Develop and validate biometric equipment/systems installation	Current	1
UEECS0014		Develop computer network services	Current	1
UEECS0015		Develop energy sector computer network applications infrastructure	Current	1
UEECS0016		Develop energy sector directory services	Current	1
UEECS0017		Develop industrial control programs for microcomputer equipped devices	Current	1
UEECS0018		Develop web pages for engineering applications	Current	1
UEECS0019		Develop, implement and test object-oriented code	Current	1
UEECS0020		Evaluate and modify object-oriented code programs	Current	1
UEECS0021		Install and administer UNIX/LINUX-based networked computers	Current	1
UEECS0022		Install and configure a client computer operating system and software	Current	1
UEECS0023		Install and configure network systems for internetworking	Current	1
UEECS0024		Integrate multiple computer operating systems on a client server local area network	Current	1
UEECS0025		Modify/redesign industrial computer systems	Current	1
UEECS0026		Plan industrial computer systems projects	Current	1
UEECS0027		Provide programming solution for computer systems engineering problems	Current	1
UEECS0028		Select, install, configure and test multimedia components	Current	1
UEECS0029		Set up and configure basic local area network (LAN)	Current	1
UEECS0030		Set up, configure and test biometric devices	Current	1
UEECS0031		Set up, create and implement content for a web server	Current	1
UEECS0032		Support computer hardware and software for engineering applications	Current	1
UEECS0033		Use engineering applications software on personal computers	Current	1
UEEDV0001		Assemble and connect telecommunication frames and cabinets	Current	1
UEEDV0002		Install aerial telecommunication cables	Current	1
UEEDV0003		Install and connect cabling for direct access to telecommunications service	Current	1
UEEDV0004		Install and connect data and voice communication equipment	Current	1
UEEDV0005		Install and maintain cabling for multiple access to telecommunication services	Current	2
UEEDV0006		Install and modify optical fibre performance data communication cabling	Current	1
UEEDV0007		Install underground communication cables	Current	1
UEEDV0008		Install, modify and verify coaxial and structured communication copper cabling	Current	1
UEEDV0009		Select and arrange data and voice equipment for local area networks	Current	1
UEEDV0010		Select and arrange equipment for wireless communication networks	Current	1
UEEDV0011		Set up and configure basic data communication systems	Current	1
UEEDV0012		Set up and configure the wireless capabilities of communications and data storage devices	Current	1
UEEDV0013		Solve problems in voice and data communications circuits	Current	1
UEEDV0014		Test, report and rectify faults in data and voice installations	Current	1
UEEEEC0001		Analyse the performance of wireless-based electronic communication systems	Current	1
UEEEEC0002		Assemble and install reception antennae and signal distribution equipment	Current	1

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Code		Title	Usage	Release
UEEEEC0003		Assemble and set up basic security systems	Current	1
UEEEEC0004		Assemble and set up fixed video/audio components and systems in buildings and premises	Current	1
UEEEEC0005		Assess electronic apparatus compliance	Current	1
UEEEEC0006		Carry out repairs of predictable faults in video and audio replay/recording apparatus	Current	1
UEEEEC0007		Commission electronics and communications systems	Current	1
UEEEEC0008		Commission large fire protection systems	Current	1
UEEEEC0009		Commission satellite and microwave communication systems	Current	1
UEEEEC0010		Design and develop advanced digital systems	Current	1
UEEEEC0011		Design and develop electronics/computer systems projects	Current	1
UEEEEC0012		Design custom electronic equipment installations	Current	1
UEEEEC0013		Design electronic printed circuit boards	Current	1
UEEEEC0014		Design signal-conditioning sub-systems	Current	1
UEEEEC0015		Develop basic plans for integrating security systems	Current	1
UEEEEC0016		Develop engineering solutions to RF amplifier problems	Current	1
UEEEEC0017		Develop engineering solutions to analogue electronic problems	Current	1
UEEEEC0018		Develop engineering solutions to audio electronic problems	Current	1
UEEEEC0019		Develop software solutions for microcontroller-based systems	Current	1
UEEEEC0020		Develop solutions for air surveillance apparatus and systems	Current	1
UEEEEC0021		Diagnose and rectify faults in air navigation circuits and systems	Current	1
UEEEEC0022		Diagnose and rectify faults in camera circuits and equipment	Current	1
UEEEEC0023		Diagnose and rectify faults in digital transmission circuits and systems	Current	1
UEEEEC0024		Diagnose and rectify faults in electronic display circuits	Current	1
UEEEEC0025		Diagnose and rectify faults in recording and replay equipment	Current	1
UEEEEC0026		Enter and verify programs for fire protection systems	Current	1
UEEEEC0027		Enter instructions and test wired and wireless security systems	Current	1
UEEEEC0028		Fault find and repair complex power supplies	Current	1
UEEEEC0029		Fault find and repair electronic apparatus	Current	1
UEEEEC0030		Fault find and repair electronic medical equipment	Current	1
UEEEEC0031		Fault find and repair global positioning systems	Current	1
UEEEEC0032		Fault find and repair high-volume office equipment	Current	1
UEEEEC0033		Fault find and repair navigation systems	Current	1
UEEEEC0034		Fault find and repair radar apparatus and systems	Current	1
UEEEEC0035		Fault find and repair satellite-based surveillance and observation systems	Current	1
UEEEEC0036		Fault find and repair sonar apparatus and systems	Current	1
UEEEEC0037		Fault find and repair telecommunication apparatus and systems	Current	1
UEEEEC0038		Find and repair microwave amplifier section faults in electronic apparatus	Current	1
UEEEEC0039		Install and test microwave antennae and waveguides	Current	1
UEEEEC0040		Install commercial video/audio system components	Current	1
UEEEEC0041		Install fire detection and warning system apparatus	Current	1
UEEEEC0042		Install large security systems	Current	1
UEEEEC0043		Manage computer systems/electronics projects	Current	1

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Code		Title	Usage	Release
UEEEEC0044		Modify - redesign electronics and communications systems	Current	1
UEEEEC0045		Modify digital signal processing (DSP) based sub-systems	Current	1
UEEEEC0046		Operate and maintain amateur radio communication stations	Current	1
UEEEEC0047		Plan large electronic projects	Current	1
UEEEEC0048		Program and commission commercial access control security systems	Current	1
UEEEEC0049		Program and commission commercial security closed-circuit television systems	Current	1
UEEEEC0050		Program and commission commercial security systems	Current	1
UEEEEC0051		Program and commission commercial video/audio systems	Current	1
UEEEEC0052		Program and test large security systems	Current	1
UEEEEC0053		Provide engineering solutions to air traffic control system problems	Current	1
UEEEEC0054		Provide gate array solutions for complex electronics systems	Current	1
UEEEEC0055		Repair basic computer equipment faults by replacement of modules/sub-assemblies	Current	1
UEEEEC0056		Repair predictable faults in audio components	Current	1
UEEEEC0057		Repair predictable faults in general electronic apparatus	Current	1
UEEEEC0058		Repair predictable faults in television receivers	Current	1
UEEEEC0059		Repair routine business equipment faults	Current	1
UEEEEC0060		Repairs basic electronic apparatus faults by replacement of components	Current	1
UEEEEC0061		Set up and adjust commercial radio frequency (RF) transmission and reception systems	Current	1
UEEEEC0062		Set up and test residential video/audio equipment	Current	1
UEEEEC0063		Solve fundamental electronic communications system problems	Current	1
UEEEEC0064		Solve oscillator problems	Current	1
UEEEEC0065		Solve problems in basic electronic circuits	Current	1
UEEEEC0066		Troubleshoot amplifiers in an electronic apparatus	Current	1
UEEEEC0067		Troubleshoot basic amplifier circuits	Current	1
UEEEEC0068		Troubleshoot communication systems	Current	1
UEEEEC0069		Troubleshoot digital sub-systems	Current	1
UEEEEC0070		Troubleshoot faults in television receivers	Current	1
UEEEEC0071		Troubleshoot fire protection systems	Current	1
UEEEEC0072		Troubleshoot microcontroller-based hardware systems	Current	1
UEEEEC0073		Troubleshoot professional audio reproduction components	Current	1
UEEEEC0074		Troubleshoot resonance circuits in an electronic apparatus	Current	1
UEEEEC0075		Troubleshoot single phase input d.c power supplies	Current	1
UEEEEC0076		Verify compliance and functionality of fire protection system installations	Current	1
UEEEEC0077		Verify functionality and compliance of custom electronic installations	Current	1
UEEEL0001		Apply compliance requirements to all aspects of electrical work	Current	1
UEEEL0002		Apply currency of safe working practices and compliance verification of electrical installations	Current	1
UEEEL0003		Arrange circuits, control and protection for electrical installations	Current	2
UEEEL0004		Carry out basic repairs to electrical components and equipment	Current	1
UEEEL0005		Develop and connect electrical control circuits	Current	2

Training package details



Code	Title	Usage	Release
UEEEL0006	Develop detailed and complex drawings for electrical systems using CAD systems	Current	1
UEEEL0007	Develop detailed electrical drawings	Current	1
UEEEL0008	Evaluate and modify low voltage heating equipment and controls	Current	2
UEEEL0009	Evaluate and modify low voltage lighting circuits, equipment and controls	Current	2
UEEEL0010	Evaluate and modify low voltage socket outlets circuits	Current	2
UEEEL0011	Evaluate performance of low voltage electrical apparatus	Current	1
UEEEL0012	Install low voltage wiring, appliances, switchgear and associated accessories	Current	2
UEEEL0013	Install, set up and commission interval metering	Superseded	1
UEEEL0014	Isolate, test and troubleshoot low voltage electrical circuits	Current	2
UEEEL0015	Manage large electrical projects	Current	1
UEEEL0016	Provide advice on effective and energy efficient lighting products	Current	1
UEEEL0017	Repair and maintain mechanical components of electrical machines	Current	1
UEEEL0018	Select wiring systems and select cables for low voltage electrical installations	Current	2
UEEEL0019	Solve problems in direct current (d.c.) machines	Current	2
UEEEL0020	Solve problems in low voltage a.c. circuits	Current	2
UEEEL0021	Solve problems in magnetic and electromagnetic devices	Current	2
UEEEL0022	Supply effective and efficient lighting products for domestic and small commercial applications	Current	1
UEEEL0023	Terminate cables, cords and accessories for low voltage circuits	Current	2
UEEEL0024	Test and connect alternating current (a.c.) rotating machines	Current	2
UEEEL0025	Test and connect transformers	Current	2
UEEEL0026	Align and install traction lift equipment	Current	1
UEEEL0027	Carry out low voltage electrical field testing and report findings	Current	1
UEEEL0028	Conduct compliance and functional verification of electrical apparatus and existing circuits	Current	1
UEEEL0029	Conduct compliance inspection of LV electrical installations with demand exceeding 100 A per phase	Current	1
UEEEL0030	Conduct compliance inspection of single phase LV electrical installations	Current	1
UEEEL0031	Conduct compliance inspection of special LV electrical installations	Current	1
UEEEL0032	Conduct electrical tests on HV electrical machines	Current	1
UEEEL0033	Conduct electrical tests on LV electrical machines	Current	1
UEEEL0034	Conduct mechanical tests on electrical machines and components	Current	1
UEEEL0035	Design effective and efficient lighting for public, open and sports areas	Current	1
UEEEL0036	Design effective and efficient lighting for residential and commercial buildings	Current	1
UEEEL0037	Design electrical installations with a low voltage demand greater than 400 A per phase	Current	1
UEEEL0038	Design switchboards rated for high fault levels (greater than 400 A)	Current	1
UEEEL0039	Design, install and verify compliance and functionality of general electrical installations	Current	2
UEEEL0040	Develop compliance policies and plans to conduct an electrical contracting business	Current	1

Training package details



Code		Title	Usage	Release
UEEEL0041		Develop engineering solution for synchronous machine and control problems	Current	1
UEEEL0042		Develop engineering solutions for d.c. machine and control problems	Current	1
UEEEL0043		Develop engineering solutions for induction machine and control problems	Current	1
UEEEL0044		Diagnose and rectify faults in complex lift systems	Current	1
UEEEL0045		Diagnose and rectify faults in traction lift systems	Current	1
UEEEL0046		Find and repair faults in LV d.c. electrical apparatus and circuits	Current	1
UEEEL0047		Identify, shut down and restart systems with alternate supplies	Current	2
UEEEL0049		Install and maintain emergency safety systems	Current	1
UEEEL0050		Install and replace low voltage current transformer metering	Current	1
UEEEL0051		Investigate and report on electrical incidents and causes	Current	1
UEEEL0052		Maintain and service traction lift systems and equipment	Current	1
UEEEL0053		Maintain operation of electrical marine equipment and systems	Current	1
UEEEL0054		Maintain operation of electrical mining equipment and systems	Current	1
UEEEL0055		Overhaul and repair major switchgear and control gear	Current	1
UEEEL0056		Place and connect electrical coils	Current	1
UEEEL0057		Plan electrical installations with a low voltage demand up to 400 A per phase	Current	1
UEEEL0058		Plan large electrical projects	Current	1
UEEEL0059		Plan low voltage switchboard and control panel layouts	Current	1
UEEEL0060		Prepare quotations for the supply of effective and efficient lighting products for lighting projects	Current	1
UEEEL0061		Provide advice on the application of energy efficient lighting for ambient and aesthetic effect	Current	1
UEEEL0062		Provide engineering solutions to problems in complex polyphase power circuits	Current	1
UEEEL0063		Provide photometric data for illumination system design	Current	1
UEEEL0064		Rewind HV three phase induction machines rated for voltages above 3.3 kV	Current	1
UEEEL0065		Rewind HV three phase induction machines rated for voltages to 3.3 kV	Current	1
UEEEL0066		Rewind LV direct current machines	Current	1
UEEEL0067		Rewind single phase machines	Current	1
UEEEL0068		Rewind three phase low voltage induction machines	Current	1
UEEEL0069		Select and arrange equipment for special LV electrical installations	Current	1
UEEEL0070		Select effective and efficient light sources and luminaries for given locations and designs	Current	1
UEEEL0071		Select low voltage power factor correction equipment	Current	1
UEEEL0072		Set up and place LV electrical apparatus and associated circuits into service	Current	1
UEEEL0073		Verify compliance and functionality of special LV electrical installations	Current	1
UEEEL0074		Wind electrical coils	Current	1
UEEEL0075		Inspect, test and maintain emergency alarm systems and equipment	Current	1
UEEEL0076		Inspect, test and maintain emergency lighting systems	Current	1
UEEHA0001		Conduct detailed inspection of electrical installations for hazardous areas	Superseded	1

Training package details



Code		Title	Usage	Release
UEEHA0002		Conduct visual and close inspection of electrical installations for hazardous areas	Superseded	1
UEEHA0003		Determine the explosion-protection requirements to meet a specified classified hazardous area	Superseded	1
UEEHA0004		Enter a classified hazardous area to undertake work related to electrical equipment	Current	1
UEEHA0005		Install explosion-protected equipment and associated apparatus and wiring systems	Superseded	1
UEEHA0006		Maintain equipment associated with hazardous areas	Superseded	1
UEEHA0007		Plan electrical installations for hazardous areas	Superseded	1
UEEHA0008		Design gas detection systems	Current	1
UEEHA0009		Develop and manage periodic electrical inspection and maintenance programs for hazardous areas	Superseded	1
UEEHA0010		Supervise repair and overhaul of explosion-protected equipment type Group III ('t')	Superseded	1
UEEHA0011		Supervise repair and overhaul of explosion-protected equipment type flameproof (Ex d)	Superseded	1
UEEHA0012		Supervise repair and overhaul of explosion-protected equipment type increased safety (Ex e)	Superseded	1
UEEHA0013		Supervise repair and overhaul of explosion-protected equipment type intrinsically safe (Ex i)	Superseded	1
UEEHA0014		Supervise repair and overhaul of explosion-protected equipment type pressurised (Ex p)	Superseded	1
UEEHA0015		Supervise repair and overhaul of explosion-protected rotating machines	Superseded	1
UEEIC0001		Analyse complex electronic circuits controlling fluids	Current	1
UEEIC0002		Assemble, enter and verify operating instructions in microprocessor equipped devices	Current	1
UEEIC0003		Assist in commissioning process and instrumentation control systems	Current	1
UEEIC0004		Calibrate, adjust and test measuring instruments	Current	1
UEEIC0005		Configure and maintain industrial control system networks	Current	1
UEEIC0006		Design and configure Human-Machine Interface (HMI) networks	Current	1
UEEIC0007		Design and use advanced programming tools, PC networks and HMI Interfacing	Current	1
UEEIC0008		Design electronic control systems	Current	1
UEEIC0009		Develop an electrical integrated system interface for access through a touch screen	Current	1
UEEIC0010		Develop and test code for microcontroller devices	Current	1
UEEIC0011		Develop electrical integrated systems	Current	1
UEEIC0012		Develop structured programs to control external devices	Current	1
UEEIC0013		Develop, enter and verify discrete control programs for programmable controllers	Current	1
UEEIC0014		Develop, enter and verify programs in supervisory control and data acquisition systems	Current	1
UEEIC0015		Develop, enter and verify word and analogue control programs for programmable logic controllers	Current	1
UEEIC0016		Diagnose and rectify faults in a.c. motor drive systems	Current	1
UEEIC0017		Diagnose and rectify faults in d.c. motor drive systems	Current	1
UEEIC0018		Diagnose and rectify faults in digital controls systems	Current	1
UEEIC0019		Diagnose and rectify faults in servo drive systems	Current	1
UEEIC0020		Fault find and repair analogue circuits and components in electronic control systems	Current	1
UEEIC0021		Find and rectify faults in process final control elements	Current	1

Training package details



Code	Title	Usage	Release
UEEIC0022	Install instrumentation and control apparatus and associated equipment	Current	1
UEEIC0023	Install instrumentation and control cabling and tubing	Current	1
UEEIC0024	Plan the electrical installation of integrated systems	Current	1
UEEIC0025	Provide solutions to extra-low voltage (ELV) electro-pneumatic control systems and drives	Current	1
UEEIC0026	Provide solutions to fluid circuit operations	Current	1
UEEIC0027	Provide solutions to pneumatic-hydraulic system operations	Current	1
UEEIC0028	Provide solutions to problems in industrial control systems	Current	1
UEEIC0029	Set up and adjust PID control loops	Current	1
UEEIC0030	Set up and adjust advanced PID process control loops	Current	1
UEEIC0031	Set up and configure human-machine interface (HMI) and industrial networks	Current	1
UEEIC0032	Set up electronically controlled robotically operated complex systems	Current	1
UEEIC0033	Set up gas analysis measuring and control instruments	Current	1
UEEIC0034	Set up industrial field control devices	Current	1
UEEIC0035	Set up scientific analysis measuring and control instruments	Current	1
UEEIC0036	Set up water analysis measuring and control instruments	Current	1
UEEIC0037	Set up weighting measuring and control instruments	Current	1
UEEIC0038	Solve problems in density/level measurement components and systems	Current	1
UEEIC0039	Solve problems in flow measurement components and systems	Current	1
UEEIC0040	Solve problems in polyphase electronic power control circuits	Current	1
UEEIC0041	Solve problems in pressure measurement components and systems	Current	1
UEEIC0042	Solve problems in single phase electronic power control circuits	Current	1
UEEIC0043	Solve problems in temperature measurement components and systems	Current	1
UEEIC0044	Troubleshoot measuring and analysis systems	Current	1
UEEIC0045	Troubleshoot medical equipment control systems	Current	1
UEEIC0046	Troubleshoot process control systems	Current	1
UEEIC0047	Use instrumentation drawings, specifications, standards and equipment manuals	Current	1
UEEIC0048	Verify compliance and functionality of instrumentation and control installations	Current	1
UEEIC0049	Manage instrumentation and control projects	Current	1
UEEIC0050	Plan instrumentation and control projects	Current	1
UEERA0001	Analyse the operation of HVAC air and hydronic systems	Current	1
UEERA0002	Analyse the psychrometric performance of HVAC/R systems	Current	1
UEERA0003	Analyse the thermodynamic performance of HVAC/R systems	Current	1
UEERA0004	Analyse vibration and noise in refrigeration and air conditioning systems	Current	1
UEERA0005	Apply safety awareness and legal requirements for ammonia refrigerant	Current	1
UEERA0006	Apply safety awareness and legal requirements for carbon dioxide refrigerant	Current	1
UEERA0007	Apply safety awareness and legal requirements for flammable refrigerants	Current	1
UEERA0008	Audit HVAC/R control systems for compliance with regulations and standards	Current	1

Training package details

Code	Title	Usage	Release
UEERA0009	Audit energy use for commercial HVAC/R systems	Current	1
UEERA0010	Commission complex heating, ventilation and air conditioning (HVAC) systems	Current	1
UEERA0011	Commission complex refrigeration systems and equipment	Current	1
UEERA0012	Commission complex refrigeration/air conditioning control systems	Current	1
UEERA0013	Commission refrigeration/air conditioning hydronic systems	Current	1
UEERA0014	Design ammonia refrigerated systems	Current	1
UEERA0015	Design carbon dioxide refrigerated systems	Current	1
UEERA0016	Design commercial refrigeration systems and select components	Current	1
UEERA0017	Design complex air conditioning systems and select equipment	Current	1
UEERA0018	Design complex commercial refrigeration systems and select equipment	Current	1
UEERA0019	Design complex control systems for refrigeration or heating, ventilation, air conditioning systems	Current	1
UEERA0020	Design complex industrial refrigeration systems and select equipment	Current	1
UEERA0021	Design control systems for refrigeration or heating, ventilation and air conditioning systems	Current	1
UEERA0022	Design heating, ventilation and air conditioning (HVAC) systems and select components	Current	1
UEERA0023	Design hydrocarbon refrigerated systems	Current	1
UEERA0024	Design hydronic systems and select equipment	Current	1
UEERA0025	Design industrial refrigeration systems and select components	Current	1
UEERA0026	Design mechanical ventilation/exhaust systems and select equipment	Current	1
UEERA0027	Design secondary refrigerant systems	Current	1
UEERA0028	Determine noise and vibration encountered in HVAC/R applications	Current	1
UEERA0029	Develop heat exchanger design specifications	Current	1
UEERA0030	Develop specifications and prepare drawings for HVAC/R projects	Current	1
UEERA0031	Diagnose and rectify faults in air conditioning and refrigeration control systems	Current	1
UEERA0032	Diagnose and rectify faults in complex air conditioning/refrigeration systems	Current	1
UEERA0033	Diagnose faults in complex HVAC/refrigeration control systems	Current	1
UEERA0034	Establish heat loads for commercial refrigeration and/or air conditioning applications	Current	1
UEERA0035	Establish the basic operating conditions of air conditioning systems	Current	1
UEERA0036	Establish the basic operating conditions of vapour compression systems	Current	1
UEERA0037	Establish the basic operating conditions of vapour compression systems - appliances	Current	1
UEERA0038	Establish the thermodynamic parameters of refrigeration and air conditioning systems	Current	1
UEERA0039	Evaluate and report on building services energy management systems	Current	1
UEERA0040	Evaluate and report on the indoor air quality of buildings	Current	1
UEERA0041	Evaluate new and alternative technologies applicable to electrotechnology applications	Current	1
UEERA0042	Evaluate thermodynamic and fluid parameters of refrigeration systems	Current	1
UEERA0043	Find and rectify faults in appliance control systems and devices	Current	1

Training package details



Code	Title	Usage	Release
UEERA0044	Find and rectify faults in single phase motors and associated controls	Current	1
UEERA0045	Find and rectify faults in three phase motors and associated controls	Current	1
UEERA0046	Install and commission ammonia refrigeration systems, components and associated equipment	Current	1
UEERA0047	Install and commission carbon dioxide refrigeration systems, components and associated equipment	Current	1
UEERA0048	Install and commission flammable refrigerant air conditioning and refrigeration systems	Current	1
UEERA0049	Install and start up single head split air conditioning and water heating heat pump systems	Current	1
UEERA0050	Install refrigerant pipe work, flow controls and accessories	Current	1
UEERA0051	Install, commission, service and maintain air conditioning systems	Current	1
UEERA0052	Install, commission, service and maintain low temperature systems	Current	1
UEERA0053	Install, commission, service and maintain medium temperature systems	Current	1
UEERA0054	Maintain microbial control of refrigeration and air conditioning systems	Current	1
UEERA0055	Manage refrigeration and air conditioning projects	Current	1
UEERA0056	Monitor and adjust refrigeration energy management systems	Current	1
UEERA0057	Operate ammonia refrigeration plant	Current	1
UEERA0058	Plan refrigeration and air conditioning projects	Current	1
UEERA0059	Prepare and connect refrigerant tubing and fittings	Current	2
UEERA0060	Produce HVAC/R control system diagrams	Current	1
UEERA0061	Produce HVAC/R system design drawings	Current	1
UEERA0062	Recover and charge refrigerants	Current	1
UEERA0063	Recover, pressure test, evacuate, charge and leak test refrigerants - appliances	Current	1
UEERA0064	Recover, pressure test, evacuate, charge and leak test refrigerants - split systems	Current	1
UEERA0065	Repair and service ammonia refrigeration systems	Current	1
UEERA0066	Repair and service carbon dioxide refrigeration systems	Current	1
UEERA0067	Repair and service secondary refrigeration systems	Current	1
UEERA0068	Repair and service self-contained carbon dioxide refrigeration and heat pump systems	Current	1
UEERA0069	Resolve problems in beverage dispensers	Current	1
UEERA0070	Resolve problems in central plant air conditioning systems	Current	1
UEERA0071	Resolve problems in dairy refrigeration systems	Current	1
UEERA0072	Resolve problems in hydronic systems	Current	1
UEERA0073	Resolve problems in ice making systems	Current	1
UEERA0074	Resolve problems in industrial refrigeration systems	Current	1
UEERA0075	Resolve problems in post-mix refrigeration systems	Current	1
UEERA0076	Resolve problems in refrigerated beverage vending cabinets	Current	1
UEERA0077	Resolve problems in transport refrigeration systems	Current	1
UEERA0078	Resolve problems in ultra-low temperature refrigeration systems	Current	1
UEERA0079	Safely handle refrigerants and lubricants	Current	1
UEERA0080	Select basic commercial refrigeration system equipment, components and accessories	Current	1
UEERA0081	Select refrigerant piping, accessories and associated controls	Current	1

Training package details

Code		Title	Usage	Release
UEERA0082		Select residential air conditioning system equipment, components and accessories	Current	1
UEERA0083		Service and repair microwave ovens	Current	1
UEERA0084		Service and repair self-contained flammable refrigerants air conditioning and refrigeration systems	Current	1
UEERA0085		Service clothes washing machines and dryers	Current	1
UEERA0086		Service dishwasher machines	Current	1
UEERA0087		Service electrical heating appliances	Current	1
UEERA0088		Service gas heating appliances	Current	1
UEERA0089		Service refrigeration appliances	Current	1
UEERA0090		Service room air conditioners	Current	1
UEERA0091		Service small electrical appliances and power tools	Current	1
UEERA0092		Solve problems in low voltage refrigeration and air conditioning circuits	Current	1
UEERA0093		Verify functionality and compliance of appliances	Current	1
UEERA0094		Verify functionality and compliance of refrigeration and air conditioning installations	Current	1
UEERA0095		Recover refrigerant from stationary self-contained end of life decommissioned equipment	Current	1
UEERA0096		Inspect, test and repair fire and smoke control features of mechanical services systems	Superseded	1
UEERA0097		Install, commission, service and maintain variable refrigerant flow air conditioning systems	Current	1
UEERE0001		Apply environmentally and sustainable procedures in the energy sector	Current	1
UEERE0002		Assemble and connect remote area power supplies	Deleted	2
UEERE0003		Assess energy loads and uses for energy efficiency in commercial facilities	Superseded	1
UEERE0004		Assess energy loads and uses for energy efficiency in industrial properties and enterprises	Superseded	1
UEERE0005		Assess energy loads and uses for energy efficiency in residential, office and retail premises	Deleted	1
UEERE0006		Conduct periodic maintenance of remote area power supply battery banks	Current	2
UEERE0007		Conduct periodic maintenance of remote area power supply generator sets	Current	2
UEERE0008		Conduct periodic maintenance of remote area power supply photovoltaic arrays	Current	2
UEERE0009		Conduct periodic maintenance of remote area power supply wind generators	Current	2
UEERE0010		Design energy management controls for electrical installations in buildings	Superseded	1
UEERE0011		Design grid-connected photovoltaic power supply systems	Superseded	1
UEERE0012		Develop effective engineering strategies for energy reduction in buildings	Superseded	1
UEERE0013		Develop strategies to address environmental and sustainability issues in the energy sector	Current	1
UEERE0014		Develop strategies to address sustainability issues for electrical installations	Superseded	1
UEERE0015		Implement and monitor energy sector environmental and sustainable policies and procedures	Current	1
UEERE0016		Install, configure and commission LV grid-connected photovoltaic power systems	Superseded	1
UEERE0017		Maintain and repair facilities associated with remote area essential service operations	Deleted	2
UEERE0018		Maintain and repair remote area power generation facilities	Current	1

Training package details



Code	Title	Usage	Release
UEERE0019	Maintain safety and tidiness of remote area power supply systems	Superseded	1
UEERE0020	Promote sustainable energy practices in the community	Superseded	1
UEERE0021	Provide basic sustainable energy solutions for energy reduction in residential premises	Superseded	1
UEERE0022	Solve basic problems in photovoltaic energy apparatus and systems	Deleted	1
UEERE0023	Work safely with remote area power supply systems	Superseded	1
UEERE0024	Attend to breakdowns in remote area power supplies (RAPS)	Deleted	1
UEERE0025	Carry out basic repairs to renewable energy (RE) apparatus	Deleted	1
UEERE0026	Conduct checks in the demand side use of remote area power supplies (RAPS)	Deleted	1
UEERE0027	Coordinate maintenance of renewable energy (RE) apparatus and systems	Superseded	1
UEERE0028	Design hybrid renewable power systems	Deleted	1
UEERE0029	Design micro-hydro systems rated to 6.4 kW	Superseded	1
UEERE0030	Design renewable energy (RE) heating systems	Superseded	1
UEERE0031	Design stand-alone renewable energy (RE) systems	Superseded	1
UEERE0032	Design wind energy conversion systems (WECS) rated to 10 kW	Superseded	1
UEERE0033	Develop engineering solutions to renewable energy (RE) problems	Superseded	1
UEERE0034	Diagnose and rectify faults in renewable energy (RE) control systems	Superseded	1
UEERE0035	Install ELV stand-alone photovoltaic power systems	Deleted	1
UEERE0036	Install small wind energy conversion systems rated up to 10 kW for ELV stand-alone applications	Superseded	1
UEERE0037	Install, configure and commission LV micro-hydro systems rated up to 6.4 kW	Superseded	1
UEERE0038	Install, configure and commission LV wind energy conversion systems rated up to 10 kW	Superseded	1
UEERE0039	Install, set up and maintain ELV micro-hydro systems rated up to 6.4 kW	Superseded	1
UEERE0040	Maintain and monitor remote area essential service operations	Deleted	1
UEERE0041	Maintain operation of remote area power generation plant	Deleted	1
UEERE0042	Manage renewable energy (RE) projects	Superseded	1
UEERE0043	Plan periodic maintenance schedules of remote area power supplies (RAPS)	Deleted	1
UEERE0044	Plan renewable energy (RE) projects	Superseded	1
UEERE0045	Solve basic problems in micro-hydro systems	Deleted	1
UEERE0046	Solve problems in stand-alone renewable energy (RE) systems	Deleted	1
UEERE0047	Solve problems in wind energy conversion systems (WECS) rated up to 10 kW	Deleted	1
UEERE0048	Verify compliance and functionality of an extra-low voltage renewable energy installation	Deleted	1
UEERE0049	Apply safe work practices in the rooftop solar industry	Current	1
UEERE0050	Identify and isolate multiple supply systems	Current	1
UEERE4001	Install, maintain and fault find battery storage systems for grid-connected photovoltaic systems	Superseded	1
UEERE5001	Design battery storage systems for grid-connected photovoltaic systems	Superseded	1
UEERL0001	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	Current	1

Training package details



Code		Title	Usage	Release
UEERL0002		Attach cords, cables and plugs to electrical equipment for connection to 1000 V a.c. or 1500 V d.c.	Current	1
UEERL0003		Conduct in-service safety testing of electrical cord connected equipment and cord assemblies	Current	1
UEERL0004		Disconnect - reconnect electrical equipment connected to low voltage (LV) installation wiring	Current	1
UEERL0005		Locate and rectify faults in low voltage (LV) electrical equipment using set procedures	Current	1
UEERL0006		Attach HV flexible cables and plugs	Current	1
UEERL0007		Disconnect-reconnect 3.3 kV electric propulsion components of self-propelled earth moving vehicles	Current	1
UEERL0008		Disconnect-reconnect explosion-protected appliances and control devices connected to LV installation	Current	1
UEERS0001		Assemble and wire internal electrical rail signalling equipment	Superseded	1
UEERS0002		Decommission electrical and electromechanical rail signalling from service	Deleted	1
UEERS0003		Develop rail signalling system maintenance programs	Deleted	1
UEERS0004		Find and repair rail signalling system faults	Superseded	1
UEERS0005		Install and maintain active level crossing equipment	Superseded	1
UEERS0006		Install and maintain computer-based interlocking rail systems	Superseded	1
UEERS0007		Install and maintain non-vital screen-based control systems	Deleted	1
UEERS0008		Install and maintain non-vital telemetry systems	Superseded	1
UEERS0009		Install and maintain power-operated point actuating devices	Superseded	1
UEERS0010		Install and maintain rail signalling power supplies	Superseded	1
UEERS0011		Install and maintain rail track circuit leads and bonds	Superseded	1
UEERS0012		Install and maintain trackside signal and train protection equipment	Superseded	1
UEERS0013		Install and maintain train detection equipment	Superseded	1
UEERS0014		Install and maintain vital relay interlocking systems	Superseded	1
UEERS0015		Maintain electronic and microprocessor-based remote control systems	Deleted	1
UEERS0016		Maintain mechanical rail signalling equipment and infrastructure	Superseded	1
UEERS0017		Repair rail signalling power and control cables	Superseded	1
UEERS0018		Test and commission rail power equipment	Superseded	1
UEERS0019		Test copper rail signalling cables	Superseded	1

Imported units of competency

Code		Title	Usage	Release	Belongs to training package
BSBCUS201		Deliver a service to customers	Superseded	1	Business Services Training Package (BSB)
BSBHRM413		Support the learning and development of teams and individuals	Current	1	Business Services Training Package (BSB)
BSBINM501		Manage an information or knowledge management system	Superseded	1	Business Services Training Package (BSB)
BSBINN502		Build and sustain an innovative work environment	Superseded	1	Business Services Training Package (BSB)
BSBINS402		Coordinate workplace information systems	Current	1	Business Services Training Package (BSB)
BSBINS501		Implement information and knowledge management systems	Current	2	Business Services Training Package (BSB)

Training package details



Code		Title	Usage	Release	Belongs to training package
BSBLDR413		Lead effective workplace relationships	Current	1	Business Services Training Package (BSB)
BSBLDR414		Lead team effectiveness	Current	1	Business Services Training Package (BSB)
BSBLDR522		Manage people performance	Current	2	Business Services Training Package (BSB)
BSBMGT502		Manage people performance	Superseded	1	Business Services Training Package (BSB)
BSBMGT516		Facilitate continuous improvement	Superseded	1	Business Services Training Package (BSB)
BSBOPS203		Deliver a service to customers	Current	1	Business Services Training Package (BSB)
BSBOPS402		Coordinate business operational plans	Current	1	Business Services Training Package (BSB)
BSBOPS404		Implement customer service strategies	Current	1	Business Services Training Package (BSB)
BSBPEF402		Develop personal work priorities	Current	1	Business Services Training Package (BSB)
BSBSTR401		Promote innovation in team environments	Current	1	Business Services Training Package (BSB)
BSBSTR402		Implement continuous improvement	Current	1	Business Services Training Package (BSB)
BSBSTR501		Establish innovative work environments	Current	1	Business Services Training Package (BSB)
BSBSTR502		Facilitate continuous improvement	Current	1	Business Services Training Package (BSB)
BSBTWK502		Manage team effectiveness	Current	1	Business Services Training Package (BSB)
BSBWOR502		Lead and manage team effectiveness	Superseded	1	Business Services Training Package (BSB)
CPCCWHS1001		Prepare to work safely in the construction industry	Superseded	1	Construction, Plumbing and Services Training Package (CPC)
CPPBDN5013A		Develop and collaborate on building information models for small-scale building design projects	Superseded	1	Property Services Training Package (CPP07)
CPPBDN6106		Produce building information modelling for building design projects	Current	1	Property Services Training Package (CPP)
CPPFES2043		Apply regulations to prevent ozone depleting substance and synthetic greenhouse gas emissions	Current	1	Property Services Training Package (CPP)
CPPFES2043A		Prevent ozone depleting substance and synthetic greenhouse gas emissions	Superseded	1	Property Services Training Package (CPP07)
HLTAID009		Provide cardiopulmonary resuscitation	Current	1	Health (HLT)
HLTAID011		Provide First Aid	Current	1	Health (HLT)
ICTICT203		Operate application software packages	Superseded	1	Information and Communications Technology (ICT)
ICTICT214		Operate application software packages	Current	2	Information and Communications Technology (ICT)
ICTTEN203		Install and configure a home or small office network	Current	1	Information and Communications Technology (ICT)
ICTTEN204		Install and configure a small to medium business network	Current	1	Information and Communications Technology (ICT)
ICTTEN205		Build and maintain a secure network	Current	1	Information and Communications Technology (ICT)
ICTTEN312		Install telecommunications network equipment	Current	1	Information and Communications Technology (ICT)

Training package details

Code		Title	Usage	Release	Belongs to training package
ICTTEN419		Implement and troubleshoot enterprise routers and switches	Current	1	Information and Communications Technology (ICT)
ICTTEN420		Design, install and configure an internetwork	Current	1	Information and Communications Technology (ICT)
ICTTEN421		Apply advanced routing protocols to network design	Current	1	Information and Communications Technology (ICT)
ICTTEN422		Configure and troubleshoot advanced network switching	Current	1	Information and Communications Technology (ICT)
ICTTEN423		Install and maintain a wide area network	Current	1	Information and Communications Technology (ICT)
MEM16006		Organise and communicate information	Current	1	Manufacturing and Engineering (MEM)
MEM16008		Interact with computing technology	Current	1	Manufacturing and Engineering (MEM)
MEM30031A		Operate computer-aided design (CAD) system to produce basic drawing elements	Superseded	1	Metal and Engineering Training Package (MEM05)
MEM30032A		Produce basic engineering drawings	Superseded	1	Metal and Engineering Training Package (MEM05)
MEM30033A		Use computer-aided design (CAD) to create and display 3-D models	Superseded	1	Metal and Engineering Training Package (MEM05)
MSS402001		Apply competitive systems and practices	Superseded	1	Sustainability (MSS)
MSS402020		Apply quick changeover procedures	Superseded	1	Sustainability (MSS)
MSS402021		Apply Just in Time procedures	Superseded	1	Sustainability (MSS)
MSS402040		Apply 5S procedures	Superseded	2	Sustainability (MSS)
MSS402080		Undertake root cause analysis	Superseded	1	Sustainability (MSS)
MSS402081		Contribute to the application of a proactive maintenance strategy	Superseded	1	Sustainability (MSS)
PMASUP410		Develop plant documentation	Current	1	Chemical, Hydrocarbons and Refining (PMA)
RIIRAI609D		Establish and maintain electrical installations, reticulation and protection system	Current	3	Resources and Infrastructure Industry Training Package (RII)
RIIRIS601D		Establish and maintain the risk management system	Superseded	2	Resources and Infrastructure Industry Training Package (RII)
RIIWS202E		Enter and work in confined spaces	Current	2	Resources and Infrastructure Industry Training Package (RII)
RIIWS204E		Work safely at heights	Current	1	Resources and Infrastructure Industry Training Package (RII)
RIIWS205E		Control traffic with stop-slow bat	Current	2	Resources and Infrastructure Industry Training Package (RII)
TLILIC0003		Licence to operate a forklift truck	Current	1	Transport and Logistics Training Package (TLI)
TLIS2004		Install and maintain rail bonding systems	Current	2	Transport and Logistics Training Package (TLI)
UEPOPS202		Apply quality systems to work	Superseded	1	Electricity Supply Industry - Generation Sector Training Package (UEP)
UEPOPS337		Maintain quality systems within the team	Superseded	1	Electricity Supply Industry - Generation Sector Training Package (UEP)

Training package details



Code		Title	Usage	Release	Belongs to training package
UEPOPS416		Monitor implementation of quality control for production and maintenance	Superseded	1	Electricity Supply Industry - Generation Sector Training Package (UEP)
UETDRIS017		Perform high voltage field switching operation to a given schedule	Current	1	Transmission, Distribution and Rail Sector (UET)
UETDRIS018		Perform low voltage field switching operation to a given schedule	Current	1	Transmission, Distribution and Rail Sector (UET)
UETDRIS019		Sample, test, filter and reinstate insulating oil	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETDRRF004		Perform rescue from a live LV panel	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETDRSB001		Perform substation switching operations to a given schedule	Current	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS43		Perform low voltage field switching operation to a given schedule	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS44		Perform HV field switching operation to a given schedule	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS47		Sample, test, filter and reinstate insulating oil	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS67		Solve problems in energy supply network equipment	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS68		Solve problems in energy supply network protection equipment and systems	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS69		Diagnose and rectify faults in energy supply apparatus	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS70		Diagnose and rectify faults in electrical energy distribution systems	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS71		Diagnose and rectify faults in electrical energy supply transmission systems	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS72		Diagnose and rectify faults in distributed generation systems	Deleted	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS73		Develop engineering solutions for energy supply power transformer problems	Deleted	1	Transmission, Distribution and Rail Sector (UET)
UETTDNIS74		Develop engineering solutions for energy supply system protection problems	Deleted	1	Transmission, Distribution and Rail Sector (UET)
UETTDNISB23		Install and maintain substation direct current systems	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNISB29		Maintain capacitor bank equipment for voltage regulation	Superseded	1	Transmission, Distribution and Rail Sector (UET)
UETTDNISB39		Perform power system substation switching operation to a given schedule	Superseded	1	Transmission, Distribution and Rail Sector (UET)