

# Unit of competency details

## UEENEEE104A - Solve problems in d.c. circuits

### Summary

Releases:

Release	Status	Release date
3	Current	2013/08/14
2	Replaced	2012/03/16
1	Replaced	2011/07/29

Usage recommendation: **Superseded**

### Mapping information

Mapping	Notes	Date
Is superseded by and equivalent to UEECD0043 - Solve problems in direct current circuits		2020/10/05
Supersedes and is equivalent to UEENEEE004B - Solve problems in multiple path d.c. circuits		2011/07/29

### Accredited courses that have this unit in the completion mapping

Code	Title
22263VIC	Certificate IV in Integrated Technologies
22263VIC	Certificate IV in Integrated Technologies
22263VIC	Certificate IV in Integrated Technologies
22263VIC	Certificate IV in Integrated Technologies
22519VIC	Certificate IV in Integrated Technologies
22519VIC	Certificate IV in Integrated Technologies
22519VIC	Certificate IV in Integrated Technologies

### Training packages that include this unit

Code	Title	Release
UET12	Transmission, Distribution and Rail Sector Training Package	2.1
UET	Transmission, Distribution and Rail Sector	1.0 - 3.0
UEP	Electricity Supply Industry - Generation Sector Training Package	1.0 - 1.1
UEE11	Electrotechnology Training Package	1.2 - 1.5
MEM	Manufacturing and Engineering	1.0 - 4.0

### Qualifications that include this unit

Code		Title	Release
UET60319		Advanced Diploma of ESI - Power Systems Operations	1
UET60312		Advanced Diploma of ESI - Power Systems Operations	1 - 2
UET60221		Advanced Diploma of ESI - Power Systems	1
UET60219		Advanced Diploma of ESI - Power Systems	1 - 2
UET60212		Advanced Diploma of ESI - Power Systems	1 - 2
UET50321		Diploma of ESI - Power Systems Operations	1 - 2
UET50319		Diploma of ESI - Power Systems Operations	1 - 2
UET50312		Diploma of ESI - Power Systems Operations	1 - 2

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Code	Title	Release
UET50221	Diploma of ESI - Power Systems	1 - 2
UET50219	Diploma of ESI - Power Systems	1 - 2
UET50212	Diploma of ESI - Power Systems	1 - 3
UET40621	Certificate IV in ESI - Power Systems Network Infrastructure	1
UET40619	Certificate IV in ESI - Power Systems Network Infrastructure	1 - 2
UET40612	Certificate IV in ESI - Power Systems Network Infrastructure	1 - 2
UET40521	Certificate IV in ESI - Power Systems Substations	1
UET40519	Certificate IV in ESI - Power Systems Substations	1
UET40512	Certificate IV in ESI - Power Systems Substations	1 - 2
UET40421	Certificate IV in ESI - Network Systems	1
UET40419	Certificate IV in ESI - Network Systems	1
UET40412	Certificate IV in ESI - Network Systems	1 - 2
UET30819	Certificate III in ESI - Power Systems - Distribution Cable Jointing	1
UET30812	Certificate III in ESI - Power Systems - Distribution Cable Jointing	1 - 3
UET30719	Certificate III in ESI - Power Systems - Rail Traction	1
UET30712	Certificate III in ESI - Power Systems - Rail Traction	1 - 3
UET30619	Certificate III in ESI - Power Systems - Distribution Overhead	1
UET30612	Certificate III in ESI - Power Systems - Distribution Overhead	1 - 3
UET30519	Certificate III in ESI - Power Systems - Transmission Overhead	1
UET30512	Certificate III in ESI - Power Systems - Transmission Overhead	1 - 3
UET20519	Certificate II in National Broadband Network Cabling (Electricity Supply Industry Assets)	1
UET20511	Certificate II in National Broadband Network Cabling (Electricity Supply Industry Assets)	2 - 4
UEP50418	Diploma of ESI Generation Maintenance - Electrical Electronic	1 - 2
UEP50412	Diploma of ESI Generation Maintenance - Electrical Electronic	1 - 3
UEP50318	Diploma of ESI Generation (Maintenance)	1 - 2
UEP40618	Certificate IV in Large Scale Wind Generation - Electrical	1
UEP40612	Certificate IV in Large Scale Wind Generation - Electrical	1 - 2
UEP40518	Certificate IV in ESI Generation Maintenance (Mechanical)	1 - 2
UEP40512	Certificate IV in ESI Generation Maintenance - Electrical Electronics	1 - 3
UEP40418	Certificate IV in ESI Generation Maintenance (Fabrication)	1 - 2
UEP40318	Certificate IV in ESI Generation Maintenance - Electrical Electronics	1 - 2
UEP20218	Certificate II in Remote Area Essential Service	1
UEE63011	Advanced Diploma of Electrical Systems Engineering	1 - 4
UEE62311	Advanced Diploma of Electrical Engineering - Coal Mining	1 - 5
UEE62211	Advanced Diploma of Electrical - Engineering	1 - 5
UEE62111	Advanced Diploma of Engineering Technology - Electrical	1 - 4
UEE62011	Advanced Diploma of Engineering Technology - Renewable Energy	1 - 4
UEE61811	Advanced Diploma of Engineering Technology - Computer Systems	1 - 4
UEE61711	Advanced Diploma of Engineering Technology - Electronics	1 - 5
UEE61511	Advanced Diploma of Instrumentation and Control Engineering	1 - 4
UEE61211	Advanced Diploma of Engineering - Explosion protection	1 - 4
UEE61111	Advanced Diploma of Automated Systems Maintenance Engineering	1 - 4
UEE60911	Advanced Diploma of Renewable Energy Engineering	1 - 4

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Code	Title	Release
UEE60611	Advanced Diploma of Industrial Electronics and Control Engineering	1 - 4
UEE60411	Advanced Diploma of Computer Systems Engineering	1 - 5
UEE60211	Advanced Diploma of Electronics and Communications Engineering	1 - 4
UEE53011	Diploma of Electrical Systems Engineering	1 - 5
UEE51011	Diploma of Instrumentation and Control Engineering	1 - 3
UEE50911	Diploma of Industrial Electronics and Control Engineering	1 - 4
UEE50811	Diploma of Research and Development	1 - 4
UEE50711	Diploma of Renewable Energy Engineering	1 - 4
UEE50511	Diploma of Electronics and Communications Engineering	1 - 4
UEE50411	Diploma of Electrical Engineering	1 - 5
UEE50311	Diploma of Electrical and Refrigeration and Air-conditioning	1 - 4
UEE50211	Diploma of Electrical and Instrumentation	1 - 4
UEE50111	Diploma of Computer Systems Engineering	1 - 4
UEE43211	Certificate IV in Industrial Automation and Control	1 - 4
UEE43111	Certificate IV in Energy Efficiency and Assessment	1 - 4
UEE43011	Certificate IV in Electrical Equipment and Systems	1 - 4
UEE42611	Certificate IV in Hazardous areas - Electrical	1 - 4
UEE42211	Certificate IV in Instrumentation and Control	1 - 4
UEE42111	Certificate IV in Electrotechnology - Electrical Contracting	1 - 4
UEE42011	Certificate IV in Electrical - Photovoltaic systems	1 - 4
UEE41911	Certificate IV in Electrical - Renewable Energy	1 - 4
UEE41711	Certificate IV in Rail - Communications and Network Systems	1 - 4
UEE41611	Certificate IV in Renewable Energy	1 - 4
UEE41511	Certificate IV in Video and Audio Systems	1 - 4
UEE41211	Certificate IV in Electrical - Rail Signalling	1 - 4
UEE41111	Certificate IV in Electrical - Lift Systems	1 - 4
UEE41011	Certificate IV in Energy Management and Control	1 - 4
UEE40911	Certificate IV in Industrial Electronics and Control	1 - 4
UEE40811	Certificate IV in Electrical - Fire Protection Control Systems	1 - 4
UEE40711	Certificate IV in Electronics and Communications	1 - 4
UEE40611	Certificate IV in Electrotechnology - Systems Electrician	1 - 5
UEE40511	Certificate IV in Electrical - Air-conditioning Split Systems	1 - 4
UEE40411	Certificate IV in Electrical - Instrumentation	1 - 4
UEE40311	Certificate IV in Installation Inspection and Audits	1 - 4
UEE40211	Certificate IV in Electrical - Data and Voice Communications	1 - 4
UEE40111	Certificate IV in Computer Systems	1 - 4
UEE33011	Certificate III in Electrical Fitting	1 - 4
UEE32011	Certificate III in Renewable Energy - ELV	1 - 4
UEE31511	Certificate III in Rail - Communications and Networks	1 - 4
UEE31411	Certificate III in Security Equipment	1 - 4
UEE31211	Certificate III in Instrumentation and Control	1 - 4
UEE31111	Certificate III in Gaming Electronics	1 - 4
UEE31011	Certificate III in Fire Protection Control	1 - 4

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Code	Title	Release
UEE30911	Certificate III in Electronics and Communications	1 - 5
UEE30811	Certificate III in Electrotechnology Electrician	1 - 4
UEE30711	Certificate III in Switchgear and Controlgear	1 - 4
UEE30611	Certificate III in Electrical Machine Repair	1 - 4
UEE30411	Certificate III in Data and Voice Communications	1 - 5
UEE30311	Certificate III in Custom Electronics Installations	1 - 5
UEE30211	Certificate III in Computer Systems Equipment	1 - 4
UEE30111	Certificate III in Business Equipment	1 - 5
UEE22111	Certificate II in Sustainable Energy (Career Start)	1 - 4
UEE22011	Certificate II in Electrotechnology (Career Start)	1 - 4
UEE21911	Certificate II in Electronics	1 - 3
UEE21711	Certificate II in Technical Support	1 - 4
UEE21611	Certificate II in Security Assembly and Set-up	1 - 2
UEE21211	Certificate II in Antennae Equipment	1 - 4
UEE21011	Certificate II in Fire Alarms Servicing	1 - 3
UEE20711	Certificate II in Data and Voice Communications	1 - 3
UEE20511	Certificate II in Computer Assembly and Repair	1 - 3
UEE20411	Certificate II in Winding and Assembly	1 - 3
MEM31219	Certificate III in Engineering - Industrial Electrician	1 - 2
MEM31215	Certificate III in Engineering - Industrial Electrician	1 - 2

## Skill sets that include this unit

Code	Title	Release
UEESS00100	Sustainable - Designer of Grid Connected Photovoltaic Systems	2
UEESS00100	Sustainable - Designer of Grid Connected Photovoltaic Systems	1
UEESS00054	Data Communications - Restricted Telecommunications Cabler Registration - ACMA	3
UEESS00054	Data Communications - Restricted Telecommunications Cabler Registration - ACMA	2
UEESS00054	Data Communications - Restricted Telecommunications Cabler Registration - ACMA	1
UEESS00053	Data Communications - Install Below Ground Communication Cables	3
UEESS00053	Data Communications - Install Below Ground Communication Cables	2
UEESS00053	Data Communications - Install Below Ground Communication Cables	4
UEESS00053	Data Communications - Install Below Ground Communication Cables	1
UEESS00052	Data Communications - Install and Modify Performance Data Communication Structured Cabling	3
UEESS00052	Data Communications - Install and Modify Performance Data Communication Structured Cabling	1
UEESS00052	Data Communications - Install and Modify Performance Data Communication Structured Cabling	2
UEESS00052	Data Communications - Install and Modify Performance Data Communication Structured Cabling	4
UEESS00051	Data Communications - Install and Modify Performance Data Communication Optical Fibre Cabling	4
UEESS00051	Data Communications - Install and Modify Performance Data Communication Optical Fibre Cabling	3
UEESS00051	Data Communications - Install and Modify Performance Data Communication Optical Fibre Cabling	1
UEESS00051	Data Communications - Install and Modify Performance Data Communication Optical Fibre Cabling	2

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Code		Title	Release
UEESS00050		Data Communications - Install Aerial Communication Cables	3
UEESS00050		Data Communications - Install Aerial Communication Cables	2
UEESS00050		Data Communications - Install Aerial Communication Cables	4
UEESS00050		Data Communications - Install Aerial Communication Cables	1
UEESS00048		Data Communications - ACMA 'Open' Cabling Provider	4
UEESS00048		Data Communications - ACMA 'Open' Cabling Provider	2
UEESS00048		Data Communications - ACMA 'Open' Cabling Provider	1
UEESS00048		Data Communications - ACMA 'Open' Cabling Provider	3

## Classifications

Scheme	Code	Name
ASCED Module/Unit of Competency Field of Education Identifier	031313	Electrical Fitting, Electrical Mechanics

## Classification history

Scheme	Code	Name	Start date	End date
ASCED Module/Unit of Competency Field of Education Identifier	031313	Electrical Fitting, Electrical Mechanics	2012/09/03	