



## Learning and Assessment Plan

This learning and assessment plan outlines how this unit or cluster of units will be delivered and assessed. The schedule of learning topics, assessments and the due date for assessments is included.

<b>Qualification national code and title:</b>	UEE30811 - Certificate III In Electrotechnology - Electrical
<b>Delivery Period:</b>	Semester 1, 2021, 36 HRS
<b>Cluster Name (if applicable)</b>	

<b>National ID</b>	<b>Name of unit</b>
<b>UEENEEG063A</b>	<b>Arrange circuits, control and protection for general electrical circuits</b>
You can access the unit of competency here:	
UEENEEG063A link: <a href="http://training.gov.au/Training/Details/UEENEEG063A">http://training.gov.au/Training/Details/UEENEEG063A</a>	
<b>Delivery Location/s (Campus/Room/Online):</b>	North Metropolitan TAFE, Midland, E105

### Student Learning Resources, text, equipment (Required/Optional)

<b>Student to supply:</b>	
<ul style="list-style-type: none"> <li>A4 Ruled Lecture Notebook</li> <li>A4 Grid Paper Notebook</li> <li>A4 Clear Plastic Sleeve portfolio with at least 25 sleeves</li> <li>Coloured Pens (Red, Black, Green and Blue)</li> <li>Highlighter</li> <li>Led Pencil, Eraser</li> <li>Permanent Marker</li> </ul>	<ul style="list-style-type: none"> <li>Ruler, Drawing Triangles, Protractor</li> <li>A non-programmable scientific calculator</li> <li>USB storage device (e.g. thumb drive or an external hard drive.)</li> <li>Steel capped safety boots</li> <li>Clear safety glasses</li> <li>Blue long sleeved cotton work shirt and work pants or shorts.</li> </ul>

Each student is also required to complete an electrical training license application in accordance with State Regulator; Energy Safety requirements. This application costs \$68.00 and is to be paid by the student.

### College to supply:

Unit Code	Printed Material	Tools/Facilities	Materials
UEENEEG063A	<ul style="list-style-type: none"> <li>Resource Book</li> <li>Portfolio Assignment</li> <li>Practical Assessment (A)</li> <li>Knowledge Assessment (A)</li> </ul>	Various hand tools, test equipment, equipment associated with construction sites and the electrical industry. Wiring board	Electrical Wire(TPS,TPI,SDI), circuit breakers RCD's, RCBO, GPO's, Light Switches, Light Battens etc

<b>Non-unit specific materials supplied by College:</b>	
<b>Act/Regs</b>	
<ul style="list-style-type: none"> <li>AS/NZS 3000 (Current edition) – Wiring Rule (Standards Australia)</li> <li>H B 301 – 2001 Electrical Installations: Designing to the Wiring Rules</li> <li>AS/NZS 3008.1.1 (Current edition) – Electrical Installations- Selection of Cables</li> <li>WA Electrical Requirements (Current edition)</li> <li>Electrical Wiring Practice (8<sup>th</sup> ed.) Pethebridge, K. &amp; Neeson,</li> </ul>	

Lecturer Name:	Phone:	Email:	Contact times	Campus / Room
Geoff Fielding		Geoff.Fielding@nmtafe.wa.edu.au	0800 -16.15	Midland



## Learning and Assessment Plan

### Assessment Summary

Assessment	Title and brief description	Due Date
<b>Theory Assessment 1</b>	In this <b>Theory Assessment 1</b> during <b>Session 8</b> , students must be able to demonstrate the underpinning knowledge required from <b>Section 1 to 7</b> . Questions may be multiple choice or short written answers	
<b>Portfolio Assignment</b>	As Stated in the UEENEEG063A LAP.	
<b>Practical Assessment / Direct Observation</b>	Students are required to do a Practical Assessment consisting of a task which relates to the Performance Criteria and the Required Skills and Knowledge that is essential for this UOC.	
<b>Student Resource Book (worksheets)</b>	Students must successfully complete all of the worksheets and activities in the UEENEEG063A Resource book. Worksheets will be checked on an ongoing basis to ensure that all questions has been completed and answered correctly.  It is the student's responsibility to ensure all questions of the relevant worksheets are completed prior to attempting the Theory Assessment.	
<b>Q Tracker (Apprentices only)</b>	Students are required to complete the required tasks and hours for this unit and record it in Q-Tracker.	

**You will receive more detailed instructions on each assessment from your lecturer.**

The regular learning requirements to develop the skills and knowledge for this unit are outlined below. Please refer to your timetable for session times.

Please note: This plan is to be used as a guide and may be adapted to meet the needs of students. You will be notified of changes as they occur.

Your training will include **structured in and out of class activities\*** to be completed for this unit.

\**Out of class activities* may include(☒):

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> lectures or tutorials, online tasks and forums | <input checked="" type="checkbox"/> workshop activities             |
| <input checked="" type="checkbox"/> assessments (when integrated with learning)    | <input checked="" type="checkbox"/> projects, assignments           |
| <input checked="" type="checkbox"/> workplace experience                           | <input checked="" type="checkbox"/> prescribed follow-up activities |
| <input checked="" type="checkbox"/> prescribed reading and research                | <input type="checkbox"/> other (please specify)                     |



## Learning and Assessment Plan

Sessions (Hours)		Element number	Topic	Learning Resources*	Structured out of class activities*	
Session	Hrs				Activity	Hrs
1A	1		Introduction to CSU, assessment methods, duration, resources, RPL Applications	Lecturer	Portfolio	10
1B	3	T3	Section 1 Risks Associated with Electric Current Flow	Resource Book	Portfolio	
2	3.5	T5	Section 2 Protective Earthing Systems	Resource Book	Portfolio	
3	4	T6	Section 3 Protection Device Principles	Resource Book	Portfolio	
4	3.5	T6, 7	Section 4 - Operation and Selection of Protective Devices	Resource Book	Portfolio	
5	4	T4, 7	Section 5 RCD Earth Leakage Protection	Resource Book	Portfolio	
6	3.5	T4	Section 6 Electrical Fault Protection	Resource Book	Portfolio	
7	7.5	T1, 2, 8,9, 10	Section 7 - Design and Layout of Switchboards and Distribution boards	Resource Book	Portfolio	
8	2	T1,2,3, 4,5,6,7, 8,9,10	<b>Written Assessment</b>	RSAK – KS01 – EG063A		
9	4	T1, 2, 8,9, 10	<b>Observed Practical Assessment</b> Switchboard Layout	G063A Elements and Performance Criteria		
<b>Total Hours</b>	<b>36</b>				<b>Total hours out of class activities</b>	<b>10</b>
<b>Total amount of training for this unit: (sum of Session Hours + Out of Class Hours)</b>					<b>46</b>	

\*Learning Resources - to enable learners to meet the requirements of this unit of competency or cluster.

### Reasonable Adjustment

We recognise that every student has different learning styles and needs. Please let your lecturer know if there is anything that may have an effect on your learning so they may be able to adjust your plan.

### Results and Appeals

Students may lodge an appeal against an academic result. Appeals must be lodged within four weeks of the date of your statement of academic record being issued. Please contact the Student Experience Team relevant to your portfolio area.

### Absences

If you are unable to attend any class or assessment session you must inform your lecturer as soon as possible.

If you miss an assessment due to illness, please provide your lecturer with a medical certificate in order to negotiate an alternate time for the assessment.



## Learning and Assessment Plan

### Plagiarism

Plagiarism is using another person's ideas and words without clearly acknowledging the source of the information. It is not acceptable to submit an assessment that is based on another person's work and claim it as your own. If you submit an assessment that is significantly or recognizably the same or similar in content as submitted by another student (current or past) you may have to submit another assessment.

### Assessment Resit / Resubmission

You shall be permitted to have at least two attempts to demonstrate competency against a unit of competency or cluster of units of competency.

To qualify for re-assessment:

- you must have made a **reasonable attempt** (See Note 2) to complete the assessment satisfactorily

AND

- you must have submitted the original assessment by the due date

OR

- you must have attended and participated in the original assessment event

In the case of a re-assessment opportunity, your lecturer will give you a due date for your second attempt. Should you not achieve a Satisfactory result on the second attempt, you will need to re-enrol (R) in the unit.

In certain situations a re-assessment is not possible; please refer to your assessment instructions.

**Please note (1):** If the practical's are at **240V AC**, all students **MUST** supply their **Electrical Workers license number (EW number)** and sign the 'Safe Work Method Statement' (SWMS) document

**Please note (2):** If you achieve **lower than 50%** for **any** assessment, you will **NOT** be entitled to a re-assessment.

**Please note (3):** If you fail to reach **50%** of authorised Q-tracker for the unit, you will not receive a "**Grade**" even though you have completed the **Theory, Practical's & Portfolio's Satisfactorily**. At the end of the academic year, if the Q-tracker requirement is **NOT** met, your result will be converted to an "**R**".