



## 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>	<b>UEE30811 - Certificate III in Electrotechnology (Electrician) – A123</b>
<b>Delivery Period:</b>	<b>2019</b>

National ID	State ID	Name of unit
UEENEEE107A	S7311	<b>Use drawings, diagrams, schedules, standards, codes and specifications (Release 3)</b>
<p><b>You can access the full unit/s of competency here:</b></p> <p>UEENEEE107A link <a href="http://training.gov.au/Training/Details/UEENEEE107A">http://training.gov.au/Training/Details/UEENEEE107A</a></p>		
<b>Delivery Location/s (Campus/Room):</b>	North Metropolitan TAFE, Midland Campus, B Block, B50 / B41 and E Block, E103 & E100	

<b>Student Learning Resources, text, equipment (Required)</b>
<p>Student to supply:</p> <p>PPE (Safety glasses, safety boots)</p> <p>Stationary (writing materials, calculator)</p> <p>Danger tag, AS/NZS 3000:2018.</p> <p>Electrical Principles for the Electrical Trades volume 2.</p> <p>Electrical Wiring Practice volume 1.</p>
<p>College to supply:</p> <p>UEENEEE107A Resource Book</p> <p>Workshop tools &amp; equipment</p> <p>Electrical cables &amp; accessories</p>

Lecturer Name:	Phone:	Email:	Contact times	Campus / Room
Alan Philander	93746305	Alan.Philander@nmtafe.wa.edu.au	07:30 – 15:30	Midland
Kevin Gascoigne	93746323	Kevin.Gascoigne@nmtafe.wa.edu.au	07:30 – 15:30	Midland
Geoff Fielding	93746334	Geoff.fielding@nmtafe.wa.edu.au	07:30 – 15:30	Midland
Richard Provis	93746354	Richard.Provis@nmtafe.wa.edu.au	07:30 – 15:30	Midland



## Assessment Summary

Assessment	Title	Due Date
Portfolio	Written - Portfolio	
Assignment	Written - Assignment	
Knowledge	Written - Knowledge	
Skill	Skill - Practical	

**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 program 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<br><input checked="" type="checkbox"/> assessments (when integrated with learning)<br><input type="checkbox"/> workplace experience<br><input type="checkbox"/> prescribed reading and research | <input checked="" type="checkbox"/> workshop activities<br><input checked="" type="checkbox"/> portfolios<br><input type="checkbox"/> prescribed follow-up activities<br><input checked="" type="checkbox"/> on-the-job profiling (Q Tracker) |
|--|---|

SESSIONS (Hours)		TOPIC (incl. Elements addressed)	RESOURCES to be supplied by student (if required)	Structured out of class activities*		
Week/ Session	Hrs			Activity	Hrs	
Week 1	1	1	Introduction to UEENEEE107A - Discuss unit requirements	UEENEEE107A Resource Book		
	2	7	<b>Section 1 Drawing types, purpose and drawing conventions:</b> <ul style="list-style-type: none"> <li>- Architectural drawings</li> <li>- Electrical drawing types and purpose               <ul style="list-style-type: none"> <li>- Block</li> <li>- Circuit</li> <li>- Wiring</li> <li>- ladder</li> </ul> </li> <li>1. Standard electrical symbols used in electrical schematic and wiring diagrams</li> </ul>	E107A Resource Book, pages 1 – 17 <b>• Questions – Architectural Symbol Recognition</b> (pg. 12) Ref “Electrical Principles for the Electrical Trades volume 2” Section 12, pages 288 - 290	Complete worksheets & Q Tracker tasks	10



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Week 2	3	8	<p><b>Section 2 Building:</b></p> <ul style="list-style-type: none"> <li>- Construction (construction types, building parts)</li> <li>- Drawings</li> <li>- Sequence of construction</li> </ul> <p>1. Cable routes/cooperation with other trades</p>	<p>E107A Resource Book, pages 18 – 42</p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>• 1-1 <i>Electrical Location Symbols</i>(pg. 19)</li> <li>• 1-2 <i>Project Home Electrical Layout</i> (pg. 20)</li> <li>• 1-3 <i>Floor Plan - Electrical Layout</i> (pg. 25)</li> <li>• T2-1-1 <i>Symbol Legend</i> (pg. 36)</li> </ul> <p><b>Worksheet</b> Ref "Electrical Wiring Practice Volume1" Section 6, pages 137 – 155</p>	Complete worksheets & Q Tracker tasks	10
Week 3	4	8	<p><b>Section 3 Regulations, compliance standards and codes:</b></p> <p>Standards (purpose and philosophy)</p> <p>1. Job specifications - purpose, format and content</p>	<p>E107A Resource Book, pages 43 – 63</p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>• Switching Circuits (pg. 51)</li> <li>• Switch Identification (pg 52)</li> <li>• Two way Lighting (pg. 53)</li> </ul> <p>Ref "Electrical Wiring Practice Volume1" Section 7, pages 171 - 188</p>	Complete worksheets & Q Tracker tasks	10
Week 4	5	8	<p><b>Section 4 Regulations for undertaking electrical work</b></p>	<p>E107A Resource Book, pages 65 – 85</p> <p><b>Worksheet</b></p> <ul style="list-style-type: none"> <li>• T5-1 <i>Building construction diagrams</i>(pg. 74)</li> </ul> <p>Ref "Electrical Wiring Practice Volume1" Section 3 (whole) and Section 6, pages 156 – 165</p>	Complete worksheets & Q Tracker tasks	10
Week 5	6	4	<p><b>PART A- Written Assessment and Observed Practical Assessment - KS01-EG006A Single &amp; three phase transformers</b></p>	<b>Portfolio Due</b>		
<b>Total Hours</b>		<b>36</b>			<b>Total hours out of class activities</b>	40
Total amount of training for this unit: 32hours of training & 4 hours of assessments						



## 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.

## 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 may qualify for (1) re-assessment per each assessment event when:

- you have made a reasonable attempt to complete the assessment satisfactorily  
AND
- you have submitted the original assessment by the due date  
OR
- you 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-enroll (R) in the unit.

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