**Learning and Assessment Plan**

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| **Document Details** |
| **Version Number** | **Last Updated** | **Developed/Edited By** | **Validation Date** |
| 1.2 | 25 Feb 2016 | Geoff Fielding |  |

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| **Training Package Title and National Code:** | UEE11 Electrotechnology Training Package (Release 4) |
| **Qualification Title:** | Certificate III in Electrotechnology Electrician | **Pathway No.** |  |
| **Qualification National ID:** | UEE30811 | **Qualification State ID:** | A123 |

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| **Stage 3A-B, Block Group 1** |
| Consisting of the following units of competence (UoC): |
| **National ID** | **State ID** | **Competency Title** | Release |
| UEENEEG107A | S7324 | Select wiring systems and cables for low voltage general electrical installations | 3 |

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| **Delivery Method** | Face to face / Flexible / on-the-job / e-learning |
| **Training Room/Location:** | E107 / E100 / B45 | **Dates/Times:** | Sem. 1, 2019 |

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| **Pre-requisites/Co-requisites** |
| UEENEEG102A,UEENEEE104A,UEENEEE105A,UEENEEE107A,UEENEEG006A, UEENEEG033A UEENEEG063A,UEENEEG101A,UEENEEE102A,UEENEEG106A, UEENEEE101A, |

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| **Student Learning Resources – Required** |
| Cluster 11-UEENEEG107A Resource Book |

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| **Resources – Optional** |
| AS/NZS 3000 (Current edition) – Wiring Rule (Standards Australia)H B 301 – 2001 Electrical Installations: Designing to the Wiring RulesAS/NZS 3008.1.1 (Current edition) – Electrical Installations- Selection of Cables WA Distribution Connections Manual (4th ed.)WA Electrical Requirements (2014)Electrical Wiring Practice (7th ed.) Pethebridge, K. & Neeson, I. |

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| **Lecturer’s Details** |
| **Name:** Geoff Fielding | **Phone:** 0414391548 |
| **Email:**  | **Location:** |

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| **Delivery Program** |
| **Date/ Session** | **Topic** | **Student Activity and/or Assessment Task** | ***Identify the Unit being addressed.*** |
| **Session 1** | Introduction to UEENEEG107A, Section 1- Performance of an ElectricalInstallationSection 2 - Methods of Ensuring Safety andProtection Against Damage Section 3 - Circuit Arrangements Section 4 - Wiring Systems | **Revise**– Resource Book – G107A Workbook Section 1, 2,3 & 4**Complete Work Sheets**- WS pg. 21, pg. 27, pg. 32, pg. 38 | **UEENEEG017A**Resource Book |
| **Session 2** | Section 5 - Selection of Cables for an Installation | **Revise**– Resource Book - G107A Workbook Section 5**Complete Work Sheets**- WS pg. 43, pg. 44, pg. 45, pg. 46, pg. 47 | **UEENEEG017A**Resource Book |
| **Session 3** | Section 5 - Selection of Cables for an Installation | **Revise**– Resource Book - G107A Workbook Section 5**Complete Work Sheets**- WS pg. 53, pg. 54, pg. 66, pg. 67, pg. 68, pg.72, pg. 76, pg. 77 | **UEENEEG017A**Resource Book |
| **Session 4** | Section 5 - Selection of Cables for an InstallationSection 6 - Methods and Devices for Providing Protection | **Revise**– Resource Book - G107A Workbook Section 6**Complete Work Sheets**- WS , pg. 78, pg. 79, pg. 80, pg. 88, | **UEENEEG017A**Resource Book |
| **Session 5** | Section 7 - Selection of Protective Devices Section 8 - Selection of Devices for Isolation and SwitchingSection 9 - Design and Layout of Switchboards | **Revise****– Resource Book - G107A Workbook Section 7****Complete Work Sheets****- WS** pg. 93, pg. 95, pg. 103, pg. 114, pg. 116 | **UEENEEG017A**Resource Book |
| **Session 6** | Revision**All Worksheets and practical’s completed** | **Knowledge Assessment & Written Practical Assessment** | RSAK – KS01 – EG107A |
| **Session 7** | Revision**All Worksheets and practical’s completed** | **Portfolio Assignment handed in.****Resit Knowledge Assessment if required****& Resit Written Practical Assessment if required.****All Worksheets and practical’s completed** | UEENEEG107AElements |

# 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.

**Assessment Requirements**

You will be assessed by:

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| **Assessment Method (Tools)** | **Assessment Task Explanation** |
| **Portfolio** | Candidate is to complete all the Questions in the UEENEEG107A Resource book. As per the D&AP given out. |
| **Portfolio assignment** | Candidate is to complete the Portfolio Assignment by the end of the 7 th session |
| **Theory Exam** | Candidate is to attempt a Theory Exam and get above 75%. All answers are obtained from all the Resource book questions in UEENEEG107A. |
| **Practical Exam** | Candidate is to attempt a Practical Exam where you are required to have a 100% pass mark. |
| **Qtracker** | To be completed to 75% for the unit for 3rd years. |

# Your lecturer will provide more details of the requirements of each assessment method (tools) at a later date.

**Additional Information**

The following information is to be read in conjunction with the NMTAFE Student Handbook and/or

Course Information Booklet.

Please see Course Information Booklet or the NMTAFE Student Handbook for more details on Recognition of Prior Learning. The handbook will also provide information regarding appeal and grievance procedures as well as support services available to students with special needs e.g. disability, language and literacy and or other.

***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. At NMTAFE it is not acceptable to submit an assessment that is based on another student's work and claim it as your own. Students who submit an assessment that is significantly or recognizably the same or similar in content as submitted by another student (current or past) 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-enrol (R) in the unit.

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