

1. Title	Implement advanced technologies on the inspection, testing and commissioning of electrical installations
2. Code	EMELIT407A
3. Range	Applicable to the inspection, testing and commissioning of electrical installations. Use advanced technologies for the inspection, testing and commissioning of electrical installations to enhance the efficiency of the existing inspection, testing and commissioning of electrical installations.
4. Level	4
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the existing inspection, testing and commissioning techniques and management problems for electrical installations</p> <ul style="list-style-type: none"> ◆ Understand the inadequacies of the existing inspection, testing and commissioning techniques for electrical installations ◆ Understand the existing inspection, testing and commissioning management problems for electrical installations <p>6.2 Implement advanced technologies on the inspection, testing and commissioning of electrical installations</p> <ul style="list-style-type: none"> ◆ Use advanced technologies to make up for the inadequacies of the existing inspection, testing and commissioning techniques and management for electrical installations, and enhance the efficiency and accuracy of work ◆ Handle the inspection, testing and commissioning management problems for specific electrical installations ◆ Implement relevant advanced technologies and management methods for inspection, testing and commissioning such as the use of advanced instruments and equipment, advanced inspection and testing methods, systematic inspection, testing and commissioning procedures, documents and reports, and relevant logistic management
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the uses and the strengths and weaknesses of general inspection, testing and commissioning and management techniques; and</p> <p>(ii) Capable to use advanced technologies in the inspection, testing and commissioning of electrical installations, and use to them to handle the inspection, testing and commissioning problems for specific electrical installations.</p>
8. Remarks	