

1. Title	Apply advanced technologies to the installation of electrical supply facilities
2. Code	EMELIN407A
3. Range	Applicable to installation of electrical installations. Apply advanced technologies relevant to the installation of electrical supply facilities and to enhance work efficiency and accuracy in installing current electrical installations.
4. Level	4
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand installation skills and relevant advanced technologies for general electrical installations</p> <ul style="list-style-type: none"> <li>◆ Understand general installation skills and relevant advanced technologies and management methods such as selecting innovative materials and tools suitable for the advanced technologies for installation of electrical installations, using computer aided software to draw shop drawings and as-built drawings, delivery of materials and equipment, storage and utilization management, etc.</li> <li>◆ Understand the installation techniques and the inadequacies of management for current electrical installations</li> </ul> <p>6.2 Apply advanced technologies and management methods to improve or complement general installation weaknesses</p> <ul style="list-style-type: none"> <li>◆ Apply advanced technologies and management methods to enhance work efficiency and accuracy in installing current electrical installations and handle problems in installing specific electrical installations</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to master the strengths and weaknesses of general installation and management techniques; and</p> <p>(ii) Capable to apply advanced technologies and management methods to improve or complement shortfalls of general installation and handle problems in installing specific electrical installations.</p>
8. Remarks	