

1. Title	Apply the electrical principles to assess power network design performance
2. Code	EMELDE401A
3. Range	Applicable to engineering design and management of high voltage transmission installations. Apply the electrical principles to assess the design performance of high voltage transmission network and handle various types of common problems of power network.
4. Level	4
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the electrical principles related to high voltage transmission network systems</p> <ul style="list-style-type: none"> <li>◆ Understand the electrical principles and design requirements for high voltage transmission network systems, such as the arrangement and protection design, etc. for the systems</li> </ul> <p>6.2 Assess design performance and handle engineering design problems of high voltage transmission network</p> <ul style="list-style-type: none"> <li>◆ Assess design performance of high voltage transmission network</li> <li>◆ Identify and confirm the engineering design problems of high voltage transmission network</li> <li>◆ Analyze the content and impact of design problems in a simple way; report to parties concerned and seek solutions</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable to assess the design performance of high voltage transmission network; and</p> <p>(ii) Capable to analyze the content and impact of design problems in a simple way; report to parties concerned and seek solutions.</p>
8. Remarks	