

1. Title	Use information technology application software to support power generation or transmission and distribution network engineering work
2. Code	EMELDE512A
3. Range	Applicable to works related to power generation or transmission and distribution network equipment. Use various types of information technology application software to support various levels of transmission and distribution power supply network project engineering work to enhance work efficiency.
4. Level	5
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the uses and strengths and weaknesses of information technology application software</p> <ul style="list-style-type: none"> ◆ Understand the uses and strengths and weaknesses of information technology application software for electrical engineering design, installation, inspection, testing, commissioning, operation, repair, maintenance, quality management, project management, operation management, occupational safety, health and environmental protection, marketing and sales, etc. <p>6.2 Use information technology application software to support project engineering work</p> <ul style="list-style-type: none"> ◆ Use information technology application software to support project engineering work to enhance work efficiency such as: <ul style="list-style-type: none"> • Use information technology application software to obtain data from various levels of transmission and distribution power supply network in order to support the work of design, quality management, project management, operation management, occupational safety, health and environmental protection, marketing and sales, etc. • Monitor various levels of transmission and distribution power supply network operational performance to support the work of design, installation, inspection, testing, commissioning, operation, repair, maintenance, quality management, operation management, etc. • Use information technology application software to control various levels of transmission and distribution power supply network operation, so as to assist the work of installation, inspection, testing, commissioning, operation, repair, maintenance, quality management, operation management, etc.

7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to master uses and merits and demerits of information technology application software for electrical project works; and (ii) Capable to use different information technology application software to support transmission and distribution network engineering work to enhance work efficiency.
8. Remarks	