1. Title	Use engineering software to identify areas that need to be improved in the power supply network
2. Code	EMELDE607A
3. Range	Applicable to electrical work. Use various types of engineering application software to identify power supply network weaknesses or inadequacy to enhance power supply network reliability and stability for achieving system design effectiveness.
4. Level	6
5. Credit	6
6. Competency	Performance Requirements 6.1 Understand the characteristics of power supply network performance ♦ Understand the characteristics and data of power supply network performance 6.2 Use various types of engineering application software to identify power supply network inadequacy ♦ Use various types of engineering application software to repeatedly simulate and actually test the blind spots and constraints in the power supply network performance; to identify power supply network weaknesses or inadequacy such as potential overload sections, protection blind spots, unstable points, etc. to achieve the purpose of improving the power supply network system design ♦ Use engineering application software to enhance the work efficiency of power supply network design, installation, inspection, testing and commissioning, operation, repair and maintenance, project management, operation management, quality management, marketing and sales, occupational health, safety and environmental protection, etc.
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Capable to use various types of engineering application software to identify the inadequacy of power supply network; and (ii) Capable to use engineering application software to enhance the work efficiency in specified areas of power supply network.
8. Remarks	