1. Title	Formulate and implement quality management courses and training programmes
2. Code	EMCUQM503A
3. Range	Formulate and implement quality management courses and training programmes by targeting the weaknesses in electrical and mechanical engineering quality management so as to enhance the staff's awareness of quality management.
4. Level	5
5. Credits	4

6. Competency	<u>Performance Requirements</u>
	
	6.1 Electrical and mechanical engineering quality management concept and culture
	♦ Understand the electrical and mechanical engineering quality management concept and culture, including the 'Plan-Do-Check-Act' Quality Management Cycle
	
	6.2 Formulate and implement quality management courses and training programmes
	♦ Formulate and implement quality management courses and training programmes by targeting the weaknesses in electrical and mechanical engineering quality management such as the basic quality management in various procedures, including installation, checking, debugging, commissioning and repair, etc.
	♦ Formulate the basic course on 'Plan-Do-Check-Act' Quality Management Cycle
	♦ Formulate basic level quality management courses or training programmes
	♦ Implement quality management courses or training programmes to enhance the staff's awareness of quality management, including:
	  • Basic requirements and application of ISO 9000 quality management and quality assurance standards
	  • Promoting quality management culture
	  • Urging the staff to constantly review and improve the engineering process performance
	♦ Review and improve the quality management courses regularly to enhance the effectiveness of staff training

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to formulate and implement quality management courses and training programmes effectively by targeting the weaknesses in electrical and mechanical engineering quality management, and review and improve the quality management courses effectively.
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic concepts of quality management.