

1. Title	Teach electrical and mechanical engineering courses
2. Code	EMRAOM401A
3. Range	Master the objectives of courses and understand the level of learners; apply technical course teaching skills; write course plans; and teach technical courses to achieve the course objectives.
4. Level	4
5. Credits	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Make preparations for teaching courses</p> <ul style="list-style-type: none"> ◆ Write and arrange course plans by mastering the objectives of courses and understanding the level of learners, including <ul style="list-style-type: none"> • Teaching the working principles and structure of equipment • Technical demonstration • Practical assignment • Assessment design • Technical requirements and code of practice for electrical and mechanical works • Venue design • Requirements on teaching equipment <p>6.2 Teach electrical and mechanical engineering courses</p> <ul style="list-style-type: none"> ◆ Make use of the following teaching skills to deliver the course smoothly so that the learners can achieve the learning outcomes <ul style="list-style-type: none"> • Relevant and practical course content • Clear explanation • Emphasis on the technical requirements and code of practice for electrical and mechanical works • Stimulating the learning atmosphere • Encouraging the learners to ask • Responding eagerly • Appropriate use of teaching equipment • Guiding hands-on practice • Safety precautions for hands-on practice • Effective time management <p>6.3 Course review and improvement</p> <ul style="list-style-type: none"> ◆ Collect learners' feedback to review and improve the course
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to follow course performance standard to write a course plan for a specified electrical and mechanical course; and</p> <p>(ii) Capable to follow the above-mentioned course plan to teach the course in order to meet the course performance standard.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses the technical knowledge and skills of the teaching items.