

1. Title	Use computer to draw electrical drawings
2. Code	EMCUDE213A
3. Range	Use typical computer software to draw electrical drawings for electrical and mechanical work according to design.
4. Level	2
5. Credits	8
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Computer drawing techniques and methods      ♦ Understand the computer drawing techniques and methods, including the knowledge of drawing specifications, electrical wiring symbols and layout</p> <p>6.2 Application of computer drawing      ♦ Use the computer to lay down the drawing specifications</p> <ul style="list-style-type: none"> <li>• Set the drawing specifications</li> <li>• Use all types of lines, layers and typeface</li> <li>• Open and save file</li> </ul> <p>♦ Use the computer to draw geometric figures and electrical symbols</p> <p>♦ Use the computer to draw electrical drawings according to design</p> <ul style="list-style-type: none"> <li>• Draw the main circuit layout according to the circuit design</li> <li>• Draw the wiring layout according to design</li> <li>• Draw the control circuit layout according to design</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to use computer to draw the main circuit, wiring and control circuit layouts for a whole power system unit of a multi-storey building with general requirements and specifications according to design.</p>
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic computer knowledge.