

**Specification of Competency Standards**  
**for the Information & Communications Technology Industry**  
**Unit of Competency**

Functional Area - Architecture

Title	Define metrics to ensure that a technology architecture meets the business goals
Code	111127L5
Range	Define metrics to evaluate and analyse technology architectures to ensure that it can support the business goals and objectives.
Level	5
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> <li>1. Understand the principles of quality assurance <ul style="list-style-type: none"> <li>• articulate the needs for quality assurance to ensure that the resulting technology architecture really meets the required quality standards</li> <li>• understand the quality assurance standards and measures provided by IT service providers</li> </ul> </li> <li>2. Understand the purposes of relevant metrics for quality assurance standards <ul style="list-style-type: none"> <li>• understand appropriate and measurable metrics to evaluate the ability of a technology architecture to meet the business goals and objectives (See Remark)</li> </ul> </li> <li>3. Define metrics for quality assurance standards <ul style="list-style-type: none"> <li>• keep updated of the business and technology changes</li> <li>• observe the code of practices in trade</li> <li>• update the developed software deployment or migration plan and contingency plan whenever necessary</li> </ul> </li> <li>4. Exhibit professional skills <ul style="list-style-type: none"> <li>• a formal checkpoint review of the architecture model and building blocks with stakeholders, validating that the business goals are met</li> <li>• document all findings</li> </ul> </li> </ol>
Assessment Criteria	<p>The integrated outcome requirements of this UoC is the ability to:</p> <ul style="list-style-type: none"> <li>• validate that the business goals and other objectives of implementing the technology architecture are met.</li> </ul>
Remark	An example of the metrics can be a key question list which is used to pose questions against the architecture model and service description portfolio to test its merit and completeness