

**Specification of Competency Standards**  
**for the Banking Industry**  
**Unit of Competency**

Functional Area - 6. Technology Management  
(Key Function – 6.1 Technology Infrastructure)

Title	Formulate the overall IT architecture and infrastructure design of the bank
Code	109358L6
Range	Formulate the IT architecture and infrastructures. This applies to overall IT systems adopted by the bank.
Level	6
Credit	4 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge in the Subject Area</p> <p>Be able to:</p> <ul style="list-style-type: none"> <li>• Understand various IT architecture and infrastructure design and apply the knowledge to analyse the business requirements and drivers of the banks;</li> <li>• Understand various IT architecture principles that support the banks' business missions.</li> </ul> <p>2. Applications</p> <p>Be able to:</p> <ul style="list-style-type: none"> <li>• Identify stakeholders and their needs, analyse individual potential stakeholder's requirements and concerns;</li> <li>• Resolve stakeholders' concerns by formulating suitable IT architecture principles to optimize business opportunities.</li> </ul> <p>3. Professional Behaviour and Attitude</p> <p>Be able to:</p> <ul style="list-style-type: none"> <li>• Define the architecture principles that address the bank's key business requirements;</li> <li>• Formulate an architecture and infrastructure that respond to stakeholders' requirements and constraints which can: <ul style="list-style-type: none"> <li>○ Define benefits to be derived from the architecture</li> <li>○ Map these benefits to bank's business objectives</li> </ul> </li> </ul>
Assessment Criteria	<p>The integral outcome requirements of this UoC are:</p> <ul style="list-style-type: none"> <li>• Rationally define and prioritize the IT architecture principles for the banks to support its business missions;</li> <li>• Formulation of IT architecture and infrastructure based on analysis of stakeholder's requirements and the bank's key business requirements.</li> </ul>
Remark	