

Specification of Competency Standards
for the Banking Industry
Unit of Competency

Functional Area - 6. Technology Management
(Key Function – 6.2 IT System Security/ Cybersecurity)

Title	Develop procedures, guidelines and programmes for IT system security / cybersecurity
Code	109367L5
Range	Design and development of different kinds of security procedures and guidelines in IT and financial technology systems. This applies to different types of IT and financial technology systems adopted by the bank.
Level	5
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"> • Understand the features of the bank’s IT and financial technology systems and apply the knowledge to evaluate operations of IT systems, the security policies of the bank and requirements of user departments to design procedures and guidelines necessary to ensure the system security. <p>2. Applications</p> <p>Be able to:</p> <ul style="list-style-type: none"> • Propose design of procedures and guidelines with the purpose of enhancing security of the IT systems and preventing or minimizing security risks; • Develop procedures and guidelines on service disruption related to cyber incident; • Ensure designs of procedures and guidelines can comply with technology security requirements or regulations; • Design the production plan for the procedures and guidelines and monitor the production process. <p>3. Professional Behaviour and Attitude</p> <p>Be able to:</p> <ul style="list-style-type: none"> • Oversee penetration testing on the enhanced systems or infrastructure components for ensuring effectiveness of the procedures and guidelines; • Develop and oversee implementation plans of the procedures and guidelines to ensure they are launched effectively.
Assessment Criteria	<p>The integral outcome requirements of this UoC are:</p> <ul style="list-style-type: none"> • Formulation of procedures and guidelines which can enhance security in the IT systems. The suggestions should be based on analysis on the security requirements of the bank and user requirements of related units; • Supervision of the production and the procedures and guidelines to ensure fulfilment of the stated objectives.
Remark	