Specification of Competency Standards for the Retail Banking
Unit of Competency

Technology Management > 5.1 Information and Cyber Security

Title	Assess and manage security risks and trends in digital and mobile environment
Code	107424L5
Range	Design and implement bank-wide cyber risk management models; conduct data analysis to identify trend of cyber risks. It covers the accountability of protecting different business and operations units of the bank
Level	5
Credit	4

Competency	Performance Requirements
	1. Evaluate the trend and development; utilize best practice of cyber security management techniques to develop cyber threat models for the bank
	    Be able to:
	• Evaluate the development in cyber security and is knowledgeable in utilizing tools and techniques to tackle cyber risks
	• Design, deploy and maintain bank-wide cyber risk management methodologies
	• Assess bank-wide business risks and cyber threats; hence to develop detailed business risk scenarios and cyber threat models
	• Manage and oversee large projects involving information security, technology risk management, cybersecurity or cyber-risk management
	2. Carry out data analytics and testing of resiliency plans
	    Be able to:
	• Use of tools and technology to provide data analytics and business intelligence on cyber threats, risks and vulnerabilities
	• Develop, implement and conduct periodic testing of cyber resiliency plans
	3. Report threats and follow up to demonstrate professionalism
	    Be able to:
	• Protect customer and employee confidential information, and take steps to ensure all initiatives are in compliance with regulatory and audit requirements
	• Monitor and report of trends of risks, threats and vulnerabilities in digital and mobile platforms; follow up to take remedy actions with an aim to enhance risk management effectiveness

Assessment Criteria	The integral outcome requirements of this UoC are: • Assess bank-wide business risks and cyber threats; solutions delivered are able to address the needs of all business and operational functions of the bank
Remark	