Technology and Operations > IT System Security

Title	Conduct security risk assessment and audit of different IT systems and suggest mitigation strategies
Code	106757L5
Range	Assess security risks in IT systems. This applies to different kinds of IT systems and covers the assessment of different kinds of risks.
Level	5
Credit	4 (for reference only)

Competency	Performance Requirements
	1. Evaluate risk assessment framework of the bank
	    Be able to:
	• Evaluate risk assessment framework of the bank to develop comprehensive understanding on procedures in measuring different kinds of security risks which the bank is potentially exposed to
	• Evaluate common methods in risk assessment to develop a comprehensive understanding of means which can safeguard the bank from potential loss arising from the breaching of security of business information by customers or business partners
	2. Conduct risk assessment procedures
	    Be able to:
	• Measure risk on systems and networks for identifying hazards and potential loss of unauthorized access; and identify possible areas which may threaten information security of the bank
	• Make judgment and adjust the assessment procedures when necessary in order to ensure smooth operations and fulfillment of the stated objectives
	• Identify potential IT security weaknesses and recommend remedial improvement measures
	• Communicate the identified risks in IT security with related business and operation units and recommend any changes in the system to enhance the security

Assessment Criteria	The integral outcome requirements of this UoC are: • Presentation of report on security risks assessment. The report should outline clearly the risks levels of different systems, high risks areas and measures to mitigate risks identified. • Execution of the risks assessment procedures (risk measurement, identification and reporting, etc.) in IT system according to the bank's risk assessment framework and make necessary adjustment during the course to ensure smooth operation.
Remark	