

Technology and Operations > IT System Security

Title	Develop procedures and guidelines to safeguard security of IT systems
Code	106756L5
Range	Design and develop different kinds of security procedures and guidelines in IT systems. This applies to different types of IT systems adopted by the bank.
Level	5
Credit	4 (for reference only)
Competency	<p>Performance Requirements</p> <ol style="list-style-type: none"> 1. Evaluate needs in developing new procedures and guidelines Be able to: <ul style="list-style-type: none"> • Evaluate operations of IT systems, the security policies of the bank and requirements of user departments to identify procedures and guidelines necessary to ensure the system security 2. Design procedures and guidelines Be able to: <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 • Ensure designs of procedures and guidelines can comply with technology security requirements or regulations 3. Oversee engineering of security measures Be able to: <ul style="list-style-type: none"> • Oversee penetration testing on the enhanced systems or infrastructure components for ensuring effectiveness of the procedures and guidelines • Design the production plan for the procedures and guidelines and monitor the production process • Develop and oversee implementation plans of the procedures and guidelines
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 fulfillment of the stated objectives.
Remark	