

**Information and Communications Technology Industry Training Advisory Committee
Software Products and Software Services (SW) branch
Unit of Competencies**

1. Title	Evaluate and assess effectiveness of corporate information security practices
2. Code	ITSWIS507A
3. Range	Establish appropriate techniques to measure, monitor and report on the effectiveness of information security practices implemented in information protection, application systems and telecommunications networks [Information Security – Information Security Management]
4. Level	5
5. Credit	3
6. Competency	<p style="text-align: right;"><u>Performance Requirement</u></p> <p>6.1 Understand different techniques to monitor and measure the effectiveness of information security practices Be able to understand different techniques for monitoring and measuring information security practices</p> <p>6.2 Understand different technique for vulnerability assessment Be able to</p> <ul style="list-style-type: none"> ▪ understand the vulnerabilities in non-compliance with information security practices ▪ identify techniques for detecting vulnerabilities ▪ set procedures and guidelines in handling vulnerabilities in non-compliance issues <p>6.3 Monitor and measure report on the effectiveness of information security controls Be able to</p> <ul style="list-style-type: none"> ▪ define the monitoring process to perform regular and/or event-driven monitoring process ▪ define the techniques to measure the effectiveness of the information security practices ▪ define the reporting mechanisms on the effectiveness of the information security controls ▪ identify the responsible personnel in the monitor, measure and report processes <p>6.4 Ensure the non-compliance issue and other variance are resolved in a timely manner Be able to</p> <ul style="list-style-type: none"> ▪ define the procedures for handling non-compliance issue ▪ define the time frame in handling non-compliance issue ▪ identify the responsible personnel who can ensure the non-compliance issues are resolved
7. Assessment Criteria	The integrated outcome requirements of this UoCs are the abilities to: (i) establish processes to monitor, measure and report on the effectiveness of information security controls; and (ii) establish processes to assess the vulnerability in non-compliance with information security policies.
Remark	