

Specification of Competency Standards
for the Information & Communications Technology Industry
Unit of Competency

Functional Area - Information Security

Title	Understand general security and network security features on various types of platforms to carry out network security assessment
Code	111195L3
Range	This UoC involves a good understanding the latest security challenges and opportunities presented by various platforms in order to identify the associated risks preliminarily in network security assessment.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Know the general security and network security features</p> <ul style="list-style-type: none"> • Understand different types of network security devices and tools (including but not limited to) <ul style="list-style-type: none"> ○ Access control ○ Antivirus ○ Application security ○ Data loss prevention ○ Email security ○ Firewalls ○ Mobile device security ○ Network segmentation ○ Security information and event management ○ Web security • Understand the general concepts of network security <ul style="list-style-type: none"> ○ Confidentiality ○ Integrity ○ availability <p>2. Follow instructions/guidelines to</p> <ul style="list-style-type: none"> • carry out trouble shooting of security and network problems • respond to all system and/or network security breaches • carry out testing and identifying network and system vulnerabilities <p>3. Keep updated of the development of network security</p> <ul style="list-style-type: none"> ○ changes of local and international industry trends and requirements ○ availability of new security devices and tools
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to :</p> <ul style="list-style-type: none"> • understand different types of principles and devices of network security • follow instructions/guidelines to perform network security assessment tasks
Remark	