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

Functional Area - Information Security

Title	Design the evaluation criteria security test plans
Code	111168L6
Range	Design evaluation criteria for security test plans that are tailor to an organization's needs and risks in relation to industry standards
Level	6
Credit	3 （For Reference Only）

Competency	Performance Requirements
	1. Understand the organization's cyber security standards and practices
	
	• Be able to associate the organization's business operations and its cyber security standards and practices
	
	2. Understand the organization's cyber security requirements and the likelihood of attack for different vulnerabilities of the organization's industry
	
	• Be able to
	    o identify the important areas for protection
	    o identify different kinds of vulnerabilities
	    o assess the likelihood of different types and forms of cyberattack
	
	3. Set up a benchmark for acceptable cybersecurity level
	
	• Be able to
	    o rank the importance of different vulnerabilities and preventative measures in associate to the organization's IT systems
	    o understand associated industry standards
	
	4. Set up the evaluation criteria to assess security test plans
	
	• Be able to evaluate and benchmark different preventative measures against industry standards by accounting for the importance of different vulnerabilities in relation to the organization

Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to : • identify the needs and risk of an organization under cyberattacks • identify the industry standards for the associated vulnerabilities and preventative measures • establish the set of evaluation criteria, which if satisfied, could greatly minimise the cybersecurity risk of the enterprise
Remark	