

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

Functional Area - Information Security

Title	Evaluate the potential security threats to the organisation
Code	111174L5
Range	This UoC involves evaluating threats that could severely impact an organisation's business processes.
Level	5
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Understand information resources of an organisation</p> <ul style="list-style-type: none"> • understand how information resources of an organisation are handled and can be used to support its normal business processes (including its employees, business assets, business operations and business functions) • understand the process of how information is acquired and stored within the organisation • articulate the critical information resources for an organisation's business operation • explain why certain information resources in an organisation are critical to its business processes <p>2. Determine potential risk factors related to information resources</p> <ul style="list-style-type: none"> • identify and analyse risks (such as threats, vulnerabilities and exposures associated with confidentiality, integrity and availability of information resources) that are related to the information resources, information systems and information acquisition process of an organisation, which may have adverse effects on its business processes <p>3. Apply quantitative and qualitative methods to determine sensitivity and criticality of information resources and systems, and the impact of potential adverse events</p> <p>4. Evaluate the potential security threats to the organisation in a professional manner</p> <ul style="list-style-type: none"> • apply risk identification and analysis methods to identify physical and logical threats that could severely impact an organisation's employees, business assets, operations and business functions • evaluate the potential impacts that may arise from those identified threats • comply with the organisation's policies and guidelines as well as any (local and international) laws and regulatory requirements, if applicable
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to :</p> <ul style="list-style-type: none"> • identify threats that could severely impact the organisation • evaluate the potential impacts that may arise from those identified risks in accordance with the organisation's policies and guidelines, as well as any (local and international) laws and regulatory requirements, if applicable
Remark	