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

1. Title	Appraise the security threats in emerging technologies
2. Code	111182L5
3. Range	This UoC involves appraising the potential security threats associated with a range of emerging technologies
4. Level	5
5. Credit	3 (for reference only)
6. Competency	Performance Requirements 6.1 Understand the security threats associated with emerging technologies ● Be able to differentiate the threats associated with emerging technologies with traditional threats ● Be able to scope out various potential security threats by a range of emerging technologies, including but not limited to: ■ Data Breaches ■ Insider Threats ■ Insure Interfaces ■ Hijacking of Accounts ■ Misconfiguration and inadequate change control ■ Security Architecture and strategy ■ Access and Key Management ■ Fake Base Stations ■ IoT Device Hijacking 6.2 Appraise the security threats of the execution of emerging technologies ● Be able to appraise the security threats of the execution or emerging technologies in compliance with industry best practices and standard, including but not limited to: ■ Shared Responsibility Model ■ Data Governance Framework ■ Sensitive Data Protection ■ Audits and Penetration Testing
7. Assessment Criteria	The integrated outcome requirement of this UoC is the ability to appraise the security threats in the execution of emerging technologies in compliance with industry best practices and standards.
8. Remark	