

Functional Area: Network Infrastructure & Operation (Planning & Design)

1. Title	Plan roll out of new network/equipment
2. Code	ITCSNO403A
3. Range	This UoC concerns deployment (roll out) of internal network or network for clients. Networks can be voice, data, wireless, mobile, WAN, MAN, LAN, multimedia, etc.
4. Level	4
5. Credit	3
6. Competency	<p><u>Performance Requirement</u></p> <p>6.1 Possess the knowledge in the subject area</p> <ul style="list-style-type: none"> • Extensive experience with network deployment planning (reference for defining network deployment strategies) and deployment scheduling • Extensive knowledge in network architecture, network technologies and their operating characteristics, inclusive routing, transmission, etc • Experienced with project management, migration, network deployments, troubleshooting techniques • Knowledge of regulatory requirements related to the equipment that is being deployed • Understand health and safety procedures, government regulations, compliances, etc. <p>6.2 Plan roll out of new network/equipment</p> <p>Be able to:</p> <ul style="list-style-type: none"> • Gather necessary information to understand the network deployment task, such as network design documents, manpower and resource requirement, availability, deadline, etc. • Consult stakeholders for input to schedules. State when and which network components are installed, configured, tested, tuned and verified • Define manpower roles and responsibilities, contact details • Identify risks and design monitoring and check points • Document the finalised rollout plan with schedules, manpower requirements, responsibilities, migration and rollback (recovery) plan • Present the rollout model to stakeholders and manage or advise the rolling out stage <p>6.3 Exhibit professionalism</p> <ul style="list-style-type: none"> • Always take into consideration and strike a proper balance among all related technological, political, social, environmental and legal factors
7. Assessment Criteria	The integrated outcome requirements of this UoC are the abilities to: <ol style="list-style-type: none"> i. work with stakeholders to identify the necessary resources (manpower, hardware, etc.) to be available for network or equipment rollout ii. formulate a rollout plan with schedules and clearly identify people's responsibilities during the rollout iii. identify area of risks and state clearly appropriate actions should rollout fails iv. perform necessary briefing to ensure all stakeholders understand the rollout plan and their responsibilities
Remark	