Functional Area: Network Infrastructure & Operation (Implementation)

1.	Title	Formulate equipment acceptance test plan
2.	Code	ITCSNO413A
3.	Range	This UoC concerns developing acceptance test plan for network equipment of various sizes or complexities which include telephony equipment, data network wireless (Mobile or WIFI), transceivers, multiplexers, routers, home media, modem, access network equipment, switches (mechanical or digital), etc.
4.	Level	4
5.	Credit	3
6. Competency		**Performance Requirement**

	6.1 Possess the knowledge in the subject area	- Extensively knowledgeable of the features and functions of the related tested equipment - Possess experience in planning skills, analysing skills, testing techniques and organisational skills - Experienced in using testing tools - Capable of exercising discretions or judgments on the following during the formulation process: importance, dependency, complexity, security and other factors which may affect the test or testing result - Possess extensive knowledge of the organisation's quality requirements - Possess good communication skills for liaising with stakeholders, manufacturers during the test plan formulation process - Knowledgeable of health and safety rules and hazards relating to the equipment being tested or tools used during testing
	6.2 Formulate equipment acceptance test plan	Be able to: - Work with "customers" to develop an acceptance proposal. "Customers" can be external or internal parties - Identify the equipment to be tested and acquire manufacturers' product manuals, specification, and performance guides - Determine the required scopes (test cases) of the acceptance and benchmarks to achieve i.e. the required result - Define the required proof of results and the format of presentation - Define testing scenarios, approaches, resources (may include test data) and schedules of the intended test activities, personnel required to perform the task, if appropriate, and any risks requiring contingency planning - Document the testing procedures complying with testing standards - Present the proposed Acceptance Plan to stakeholders with schedules and seek the acceptance of the plan
	6.3 Exhibit professionalism	- Formulate an equipment acceptance plan conforming to the standards of the organisation - Ensure all documentations conform to the required quality standard

| 7. | Assessment Criteria | The integrated outcome requirements of this UoC are the abilities to:
i.   work with various parties to formulate test scenarios to be used in the acceptance plan
ii. based on different test scenarios, formulate baselines and acceptance criteria for each test
iii. design the testing procedures for each scenario (ref: ITCSNO412A)
iv. document the acceptance testing plan and procedures with expected results in a manner that can be understood by non technical readers |
| Remark | | |