

Functional Area: Network Infrastructure & Operation (Implementation)

1. Title	Installation of network equipment at end user's site	
2. Code	ITCSNO309A	
3. Range	This UoC concerns installation of equipment at the End User's site connecting to the "Access Network". Equipment including xDSL Broadband modem, data encoder, router, LAN switch office wireless equipment, voice telecom equipment. VOIP equipment, etc.	
4. Level	3	
5. Credit	3	
6. Competency	<p>6.1 Possess the knowledge in the subject area</p> <p>6.2 Installation of the equipment at end user's site</p> <p>6.3 Exhibit professionalism</p>	<p><u>Performance Requirement</u></p> <ul style="list-style-type: none"> • Meet "Work Order" schedules • Comprehend "Work Order" requirements • Experienced with planning installation sequence of network equipment • Comprehend equipment installation instructions and understand product manuals • Comprehend site plans/drawings • Experienced with installation of network cables • Possess basic knowledge of network protocols such TCIP/IP • Experienced with personal computers and their operating systems • Understand the basic functions of the applications <p>Be able to:</p> <ul style="list-style-type: none"> • Verify work order with customers and confirm installation appointments • Gather and prepare equipment for installation • Use site plans to locate local connection/interface to Access Network • Install local transmission media, if necessary • Install local network equipment • Connect local link to Access Network • Install transceiver equipment (e.g. DSL modem, etc.) • Connect power to equipment • Connect equipment to local network • Install appropriate software, if applicable • Perform tests to ensure the equipment is functioning as required • Fill in "Work Order" completion form • Communicate the work status to users and request work orders signoff <ul style="list-style-type: none"> • Liaise with customers in a professional manner and keep customers updated of work status • Follow safety procedures at every step of installation procedure • Ensure equipment are installed to required quality standard and conformed to the organization and/or international standards
7. Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to:</p> <ol style="list-style-type: none"> i. verify work orders with clients or supervisors ii. prepare the network equipment for installation according to work orders iii. install and configure the network equipment to required job orders and/or manufacturer specifications 	
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