2. Code ITCSN0317A 3. Range This UoC includes repairing software or hardware equipment like telephony, switches (telephony or digital), transmission and wireless system equipment, routers, home media equipment, broadband modems, electronic equipment, multiplexors, concentrators, transceiving equipment, etc. Software repair implies software patch installation or configuration changes 4. Level 3 5. Credit 3 6. Competency 6.1 Possess the knowledge in the subject area 6. Competency 6.1 Possess the subject area 6. Comprehend work orders and problem reports 6. Comprehend work order and follow the operational instructions manual • Experienced with the software application and its functions, applicable • Be able to operate software tools, if applicable • Knowledgeable of health and safety procedures • Possess knowledge of radio frequency theory and associated hazards, if applicable • Experienced with troubleshooting and testing of equipment repairs <th>1.</th> <th>Title</th> <th>Perform network equipment repairs</th>	1.	Title	Perform network equipment repairs						
3. Range This UoC includes repairing software or hardware equipment like telephony, switches (telephony or digital), transmission and wireless system equipment, routers, home media equipment, broadband modems, electronic equipment, protosthand modems, electronic equipment, broadband modems, electronic equipment, broadband modems, electronic equipment, protosthand modems, electronic equipment, protosthand modems, electronic equipment, electronic equipment, broadband modems, electronic equipment, broadband, electronic equipment, broadband modems, electronic equipment, broadband, electronic equipment for the repair work. 6.2 Perform 6.2 Perform Be able to: Experienced with planning repair process and setting up the environment for the repair work cuter from proble manify resource equipment to be obtained. If equipment affects multi area coordination with appropriate parties will be needed Perform the repair work. Routines are undertaken in accordinatin with appropriate parties will be needed Perform t			Perform network equipment repairs						
4. Level 3 5. Credit 3 6. Competency 6.1 Possess the knowledge in the subject area • Comprehend work orders and problem reports 6.1 Possess the subject area • Comprehend and follow the operational instructions manual 7. Assessment Criteria 6.2 Perform network equipment repairs process and setting up the equipment repair work. 7. Assessment Criteria 6.3 Exhibit professionalism			This UoC includes repairing software or hardware equipment like telephony, switches (telephony or digital), transmission and wireless system equipment, routers, home media equipment, broadband modems, electronic equipment, multiplexors, concentrators, transceiving equipment, etc. Software repair implies software patch installation or						
6. Competency 6.1 Possess the knowledge in the subject area • Comprehend work orders and problem reports 6. Comprehend and follow the operational instructions manual the subject area • Comprehend and follow the operational instructions manual Experienced with the software application and its functions, applicable 8. Rowledge in the subject area • Comprehend and follow the operational instructions manual 9. Possess knowledge of radio frequency theory and associated hazards, if applicable • Experienced with planning repair process and setting up the environment for the repair work 6.2 Perform Be able to: • Experienced with planning repair process and setting up the environment for the repair work either from proble analysis report (ref. ITCSNO417A) or work order 9. Plan a repair procedure, including how to determine and confirm the equipment is repaired • Identify the sources required e.g. tools, parts and test equipment to be obtained. If equipment affects multi areas then coordination with appropriate parties will be needed 9. Perform terpair work. • Perform terpair work. Routines are undertaken in accordance with manufacturer's documented instructions. Fe software correction it may require replacing or upgrading with software pact or performing reconfiguration is made to enable the equipment tarcts multi areas the completed work by recording all diagnostics and actions taken. Escalation may be needed or reporting of completed work by recording all diagnostics and actions taken. Escalation may be needed or reporting of completed work by recording and the repair required specification. 7. Assessment T	4.	Level							
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 network equipment repairs Identify the magnitude of the repair work either from proble analysis report (ref. ITCSNO417A) or work order Plan a repair procedure, including how to determine and confirm the equipment is repaired Identify resources required e.g. tools, parts and test equipment to be obtained. If equipment affects multi areas then coordination with appropriate parties will be needed Perform the repair work. Routines are undertaken in accordance with manufacturer's documented instructions. For software correction it may require replacing or upgrading with software patch or performing reconfiguration of setting Perform tests to ensure repaired equipment functions as per required specification. Ensure any software configuration is made to enable the equipment is beyond repairing Exhibit Follow safety procedures at every step during the repairing professionalism Follow safety procedures at every step during the repairing process Ensure all repaired equipment are functioning to manufacturer's required specification Assessment Criteria The integrated outcome requirements of this UoC are the abilities to: determine the type of network equipment repair required and the related complexity plan the repair tasks systematically which include repair verification and fallback procedure, particularly when software upgrade or reprogramming is required perform the repair was a planned and verify the completion according to the plan and required operating specification 	6.	Competency	 6.1 Possess the knowledge in the subject area Comprehend work orders and problem reports Comprehend the documentation related to the equipment Comprehend and follow the operational instructions manuals Experienced with the software application and its functions, if applicable Be able to operate software tools, if applicable Knowledgeable of health and safety procedures Possess knowledge of radio frequency theory and associated hazards, if applicable Experienced with planning repair process and setting up the environment for the repair work 						
Criteriai.determine the type of network equipment repair required and the related complexityii.plan the repair tasks systematically which include repair verification and fallback procedure, particularly when software upgrade or reprogramming is requirediii.perform the repair work as planned and verify the completion according to the plan and required operating specification			 network equipment repairs Identify the magnitude of the repair work either from problem analysis report (ref. ITCSNO417A) or work order Plan a repair procedure, including how to determine and confirm the equipment is repaired Identify resources required e.g. tools, parts and test equipment to be obtained. If equipment affects multi areas then coordination with appropriate parties will be needed Perform the repair work. Routines are undertaken in accordance with manufacturer's documented instructions. For software correction it may require replacing or upgrading with software patch or performing reconfiguration of settings Perform tests to ensure repaired equipment functions as per required specification. Ensure any software configuration is made to enable the equipment function in a normal manner Perform reporting of completed work by recording all diagnostics and actions taken. Escalation may be needed or reported if the equipment is beyond repairing Follow safety procedures at every step during the repairing process Ensure all repaired equipment are functioning to 						
	7.		 i. determine the type of network equipment repair required and the related complexity ii. plan the repair tasks systematically which include repair verification and fallback procedure, particularly when software upgrade or reprogramming is required iii. perform the repair work as planned and verify the completion according to the plan 						
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Functional Area: Network Infrastructure & Operation (Operation / Support & Maintenance)	Functional Area:	Network Infrast	ructure & Opera	ation (Operation	n / Support 8	& Maintenance)
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