

**K to 12 BASIC EDUCATION CURRICULUM
TECHNOLOGY LIVELIHOOD EDUCATION
INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER HARDWARE SERVICING
GRADE 7/8 (Exploratory)**

Course Description:

This is an exploratory and introductory course which leads to a **Computer Hardware Servicing** National Certificate Level II (NC II). It covers **five** common competencies that a **Grade7/Grade 8** Technology and Livelihood Education (TLE) student ought to possess: 1) use of tools; 2) maintaining tools, equipment and paraphernalia; 3) performing mensuration and calculation; 4) interpreting technical drawing and plans; and 5) practicing Occupational Health and Safety (OHS) procedures.

The preliminaries of this exploratory course include the following: 1) discussion on the relevance of the course; 2) explanation of key concepts relative to the course; and 3) exploration of career opportunities.

CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODES
Introduction 1. Relevance of the course 2. Basic concepts in Computer Hardware Servicing 3. Career opportunities	The learner demonstrates understanding basic concepts and underlying theories of computer hardware servicing.	The learner independently demonstrates common competencies in computer hardware servicing as prescribed by TESDA Training Regulations.	1. Discuss the relevance of the course 2. Explain basic concepts in computer hardware servicing 3. Explore opportunities in computer hardware servicing as a career	
LESSON 1: PERSONAL ENTREPRENEURIAL COMPETENCIES - PECs (PC)				
1. Assessment of Personal Entrepreneurial Competencies and Skills (PECs) vis-à-vis a practicing entrepreneur/employee's 1.1 Characteristics 1.2 Attributes 1.3 Lifestyle 1.4 Skills 1.5 Traits 2. Analysis of PECs in relation to a practitioner's	The learner demonstrates understanding of one's PECs in relation to computer hardware servicing.	The learner recognizes his/her PECs and prepares an activity plan that aligns with the PECs of a practitioner/entrepreneur's in computer hardware servicing.	LO 1. Recognize PECs needed in Computer Hardware Servicing 1.1 Assess one's PECs: characteristics, attributes, lifestyle, skills, traits 1.2 Assess practitioner's PECs: characteristics, attributes, lifestyle, skills, traits 1.3 Compare one's PECS with that of a practitioner/entrepreneur's 1.4 Align one's PECS with those of a practitioner/entrepreneur's	TLE_PECs7/8-00-1
LESSON 2: ENVIRONMENT AND MARKET (EM)				
1. Key concepts of Environment and Market 2. Products and services available in the market 3. Differentiation of products and services 4. Customers and their buying	The learner demonstrates understanding of the concepts of environment and market that relate with a career choice in computer hardware servicing.	The learner independently generates a business idea based on the analysis of environment and market in computer hardware servicing.	LO 1. Generate a business idea that relates with a career choice in Computer Hardware Servicing 1.1 Conduct SWOT analysis 1.2 Identify the different products/services available in the market	TLE_EM7/8-00-1

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODES
habits 5. Competition in the market 6. SWOT Analysis			1.3 Compare different products/services in computer hardware servicing business 1.4 Determine the profile potential customers 1.5 Determine the profile potential competitors 1.5 Generate potential business idea based on the SWOT analysis	
LESSON 3: USE OF HAND TOOLS AND EQUIPMENT (UT)				
1. Hand tools in computer hardware servicing 2. Equipment in computer hardware servicing	The learner demonstrates understanding of the use of hand tools and equipment for computer hardware servicing.	The learner independently uses hand tools and equipment for computer hardware servicing.	LO 1. Prepare hand tools and equipment for computer hardware servicing 1.1 Prepare hand tools and equipment according to function and task requirement	TLE_ICTCS7/8UT-0a-1
3. Procedure in accomplishing forms: 3.1 Job order slips 3.2 Tools and materials requisition slips 3.3 Borrower's slip 4. Requisition procedures			LO 2. Inspect hand tools and equipment received 1.2 Check the list of tools and equipment to be requested per job requirement 2.2 Inspect the requested tools and equipment 2.3 Assess the condition of all hand tools and equipment for proper operation and safety	TLE_ICTCS7/8UT-0b-2
LESSON 4: MAINTAIN HANDTOOLS, EQUIPMENT AND PARAPHERNALIA (MT)				
1. Safety procedures in using hand tools and equipment 2. Procedures in cleaning, tightening and simple repair of hand tools, equipment and paraphernalia 3. Common malfunction in hand tools, equipment and paraphernalia 4. Reporting to property custodian	The learner demonstrates understanding of concepts and underlying principles in maintaining the tools, equipment and paraphernalia for computer hardware servicing.	The learner independently maintains the tools, equipment and paraphernalia for computer hardware servicing.	LO 1. Use and maintain hand tools, measuring instrument and equipment 1.1 Perform safety procedures in using hand tools and equipment 1.2 Follow procedures in cleaning, tightening and simple repair of hand tools, equipment and paraphernalia 1.3 Identify common malfunction	TLE_ICTCS7/8MT-0c-d-1

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODES
			(unplanned or unusual events) when using tools, equipment and paraphernalia 1.4 Follow procedures in preparing a report to property custodian	
LESSON 5: PERFORM MENSURATION AND CALCULATION (MC)				
1. Types of components and objects to be measured: 1.1 Memory 1.2 Data storage capacity 1.3 Processor 1.4 Video card 2. Correct specifications of the relevant sources	The learner demonstrates understanding of concepts and underlying principles in performing measurements and calculations.	The learner independently performs accurate measurements and calculations based on a given tasks.	LO 1. Perform basic mensuration 1.1 Identify object/s to be measured 1.2 Use the correct specifications as specified in the operating system	TLE_ICTCS7/8MC-0e-1
3. Conversion and calculation 3.1 Capacity and speed 3.2 Memory 3.3 Data storage 3.4 Processor 3.5 Video card			LO 2. Carryout mensuration and calculation 2.1 Perform calculation needed to complete task using the four mathematical fundamental operations (addition, subtraction, multiplication and division) 2.2 Employ different techniques in checking accuracy of the computation	TLE_ICTCS7/8MC-0f-2
LESSON 6: PREPARE AND INTERPRET TECHNICAL DRAWING (TD)				
1. Basic symbols 2. Basic Elements 2.1 Schematic diagram 2.2 Charts 2.3 Block diagrams 2.4 Layout plans 2.5 Loop diagram	The learner demonstrates understanding of concepts and underlying principles in preparing and interpreting technical drawings and work plans for computer hardware servicing.	The learner independently prepares and interprets technical drawings and work plans accurately.	LO 1. Identify different kinds of technical drawings 1.1 Identify basic symbols used in technical drawing 1.2 Select technical drawing in accordance with the job requirement	TLE_ICTCS7/8TD-0g-1
3. Flowchart interpretation 3.1 Types of flowchart			LO 2. Interpret technical drawing 2.1 Identify the basic symbols used in flow charting 2.2 Interpret the symbols used in flow charting	TLE_ICTCS7/8TD-0h-2

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODES
			2.3 Create a flowchart that depicts a simple scenario	
LESSON 7: PRACTICE OCCUPATIONAL HEALTH AND SAFETY PROCEDURES (OS)				
1. Hazards and risks control 1.1 safety regulations 1.2 indicators of hazard and risks 1.3 contingency measures	The learner demonstrates understanding of concepts and underlying principles of Occupational Health and Safety (OHS) procedures in relation to hazards and risks in the workplace.	The learner consistently observes and practices occupational health and safety procedures in the workplace.	LO 1. Identify hazards and risks 1.1 Explain hazards and risks in the workplace 1.2 Identify hazards and risks indicators in the workplace 1.3 Apply contingency measures in accordance with the OHS procedures	TLE_ICTCS7/8OS-0i-1
2. Evaluation of hazards and risks 2.1 Effects of hazards and risks in the work place			LO 2. Evaluate hazards and risks 2.1 Determine the effects of hazards and risks 2.2 Classify the types of hazards and risks in the workplace	TLE_ICTCS7/8OS-0j-2
3. Hazards and risks control 3.1 Safety regulation			LO 3. Control hazards and risks 3.1 Follow OHS Procedures for controlling hazards and risks 3.2 Use personal protective equipment (PPE) 3.3 Follow and observe organizational protocol when providing emergency assistance	TLE_ICTCS7/8OS-0j-3
4. Maintenance of OHS procedures awareness 5. OHS procedures, practices and regulations			LO 4. Maintain occupational health and safety regulations 4.1 Participate in related drills and training 4.2 Prepare OHS personal records in accordance with workplace requirements	TLE_ICTCS7/8OS-0j-4

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TECHNOLOGY LIVELIHOOD EDUCATION
INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER HARDWARE SERVICING
Grade 9 (Specialization)**

Course Description:

This is a specialization course which leads to a **Computer Hardware Servicing** National Certificate Level II (NC II). It covers **two core** competencies that a **Grade 9** Technology and Livelihood Education (TLE) student ought to possess: 1) installing computer systems and networks; and 2) diagnosing and troubleshooting computer systems.

The preliminaries of this specialization course include the following: 1) discussion on the relevance of the course; 2) explanation of key concepts relative to the course and; 3) exploration of career opportunities.

CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
Introduction 1. Relevance of the course 2. Basic concepts and core competencies in Computer Hardware Servicing 3. Career opportunities	The learner demonstrates understanding of basic concepts, underlying theories and core competencies in computer systems and networks.	The learner independently provides quality and marketable service in computer hardware servicing in terms of computer systems and networks installation, and diagnoses and troubleshoots computer systems as prescribed by TESDA Training Regulations.	1. Discuss the relevance of the course 2. Explain basic concepts, theories and core competencies in computer hardware servicing 3. Explore opportunities in computer hardware servicing as a career	
LESSON 1: PERSONAL ENTREPRENEURIAL COMPETENCIES - PECs (PC)				
1. Assessment of Personal Competencies and Skills (PECs) vis-à-vis a practicing entrepreneur/ employee in locality 1.1 Characteristics 1.2 Attributes 1.3 Lifestyle 1.4 Skills 1.5 Traits 2. Analysis of PECs in relation to a practitioner's 3. Align, strengthen and develop ones PECs based on the results	The learner demonstrates understanding of one's PECs in in computer hardware servicing.	The learner recognizes his/her PECs and prepares an activity plan that aligns with the PECs of a practitioner/entrepreneur's in the computer hardware servicing business..	LO 1. Recognize PECs needed in Computer Hardware Servicing 1.1 Assess one's PECs: characteristics, attributes, lifestyle, skills, traits 1.2 Assess practitioner's PECs: characteristics, attributes, lifestyle, skills, traits 1.3 Compare one's PECs with that of a practitioner /entrepreneur's 1.4 Align one's PECs with those of a practitioner/entrepreneur's	TLE_PECs9-IO-1
LESSON 2: ENVIRONMENT AND MARKET (EM)				
1. Market (Town) 2. Key concepts of Market 3. Players in the market (Competitors) 4. Products and services available in the market	The learner demonstrates understanding of environment and market in computer hardware servicing in one's locality.	The learner independently creates a business vicinity map reflective of the potential computer hardware servicing market within the locality.	LO 1. Recognize and understand the market in computer hardware servicing 1.1 Identify the players/ competitors within the town	TLE_EM9-IO-1

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
			1.2 Identify the different products/services available in the market	
5. Market (Customer) 6. Key concepts of identifying and understanding the consumer 7. Consumer Analysis through: 7.1 Observation 7.2 Interviews 7.3 Focus Group Discussion 7.4 Survey			LO 2. Recognize the potential customer/market in computer hardware servicing 2.1 Identify the profile of potential customers 2.2 Identify the customer's needs and wants through consumer analysis 2.3 Conduct consumer/market analysis	TLE_EM9-I0-2
LESSON 3: INSTALLING COMPUTER SYSTEMS AND NETWORKS (CN)				
1. OHS policies and procedures 2. Occupational Health and Safety laws 3. Personal safety 4. Workplace hazards 5. Environment laws 6. Computer Peripherals/ Devices /Systems 7. Personal computer systems and devices 8. Peripherals 9. Networking devices 10. Tools, equipment and testing devices	The learner demonstrates understanding of planning, installing and testing computer systems and networks.	The learner independently demonstrates the correct planning, installing and testing of computer systems and networks.	LO 1. Plan and prepare for installation 1.1 Observe OHS policies and procedures in planning for installation activity in accordance with requirements 1.2 Familiarize oneself with computer peripheral/ devices/systems in accordance with established procedures correct operation and safety 1.3 Consult appropriate/ technical personnel to ensure that work is coordinated with others who are involved in the activity 1.4 Determine the location of the devices/systems to be used 1.5 Obtain materials necessary to complete the work in accordance with established procedures	TLE ICTCS9CN-Ia-1

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
procedures			being isolated using specified testing procedures 3.3 Test devices, systems and/or installation to determine its conformity with the requirements 3.4 Undertake final inspections on the installed devices, systems to ensure conformity with the requirement 3.5 Accomplish technical reports on the tests conducted 3.6 Follow procedures in forwarding documentation to appropriate personnel and/or authority on the test conducted	
LESSON 4: DIAGNOSING AND TROUBLESHOOTING COMPUTER SYSTEMS (DT)				
1. Safety precautions 2. Types of computer systems errors 3. Diagnosing computer systems 4. Manual diagnosis 5. Software diagnosis	The learner demonstrates understanding of the underlying concepts and principles of diagnosing and troubleshooting computer systems.	The learner independently diagnoses and troubleshoots computer systems as prescribed by TESDA Training Regulations.	LO 1. Plan and prepare for diagnosis of computer systems errors 1.1 Follow OHS procedures in planning and preparing diagnosis of computer systems errors 1.2 Determine the computer systems errors using manual and software diagnosis	TLE_ICTCS9DT-IIIa-g-1
6. Safety precautions 7. Basic concepts of Electricity 8. Techniques for diagnosing computer systems 9. Diagnosing tools: 9.1 Manual 9.2 Software 10. Computer systems and network configurations			LO 2. Diagnose and configure computer systems and networks 2.1 Follow OHS procedures in planning and preparing diagnosis of computer systems and network errors 2.2 Identify the diagnosed computer systems and	TLE_ICTCS9DT-III-f-j-2

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
			network errors based on the job requirements 2.3 Configure computer systems and networks	
11. Safety precautions 12. Determining defective components 13. Repairing/replacing different components 13.1 Wiring techniques 13.2 Power supplies 14. Basic networking errors			LO 3. Inspect and test the configured computer systems and networks 3.1 Follow OHS procedures in inspecting and testing configured computer systems and networks 3.2 Inspect configured computer systems and networks 3.3 Replace defective components 3.4 Reinstall defective computer systems 3.5 Identify network errors 3.6 Repair network errors based on standard procedures 3.7 Test the configured computer systems and networks	TLE_ICTCS9DT-IVa-g-3
15. Safety precautions 16. Guidelines for testing computer systems and networks			LO 4. Test Systems and Networks 4.1 Follow OHS procedures in testing systems and networks 4.2 Test computer systems and networks in accordance with the job requirements 4.3 Accomplish technical reports on the tests conducted	TLE_ICTCS9DT-IVh-j-3

**K to 12 BASIC EDUCATION CURRICULUM
TECHNOLOGY LIVELIHOOD EDUCATION
INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTER HARDWARE SERVICING
Grade 10 (Specialization)**

Prerequisite: Grade 9 Computer Hardware Servicing

Course Description:

This is a specialization course which leads to a **Computer Hardware Servicing** National Certificate Level II (NC II). It covers two core competencies that a **Grade 10** Technology and Livelihood Education (TLE) student ought to possess: 1) configuring computer systems and networks; and 2) maintaining computer systems and networks.

The preliminaries of this specialization course include the following: 1) discussion on the relevance of the course; 2) explanation of key concepts relative to the course and; 3) exploration of career opportunities.

CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
<p>Introduction</p> <ol style="list-style-type: none"> 1. Relevance of the course 2. Basic concepts in Computer Hardware Servicing 3. Career opportunities 	The learner demonstrates understanding of basic concepts and underlying theories in configuring and maintaining computer systems and networks.	The learner independently demonstrates competencies in configuring and maintaining computer systems and networks as prescribed by TESDA Training Regulations.	<ol style="list-style-type: none"> 1. Discuss the relevance of the course 2. Explore opportunities in computer hardware servicing as a career 3. Explain basic concepts in computer hardware servicing 	
LESSON 1: PERSONAL ENTREPRENEURIAL COMPETENCIES - PECs (PC)				
<ol style="list-style-type: none"> 1. Assessment of Personal Competencies and Skills (PECs) vis-à-vis those of a practicing entrepreneur/employee in a province. <ol style="list-style-type: none"> 1.1 Characteristics 1.2 Attributes 1.3 Lifestyle 1.4 Skills 1.5 Traits 2. Analysis of PECs in relation to a practitioner 3. Application of PECs to the chosen business/career 	The learner demonstrates understanding of one's PECs in computer hardware servicing.	The learner independently creates a plan of action that strengthens/ further develops one's PECs in computer hardware servicing.	<p>LO 1. Develop and strengthen PECs needed in Computer Hardware Servicing</p> <ol style="list-style-type: none"> 1.1 Identify areas for improvement, development and growth 1.2 Align one's PECs according to his/her business/career choice 1.3 Create a plan of action that ensures success of his/her business/career choice 	TLE_PECs10-IO-1
LESSON 2: ENVIRONMENT AND MARKET (EM)				
<ol style="list-style-type: none"> 1. Product Development 2. Key concepts of developing a product 3. Finding Value 4. Innovation <ol style="list-style-type: none"> 4.1 Unique Selling Proposition (USP) 	The learner demonstrates understanding of environment and market in computer hardware servicing in one's town/municipality.	The learner independently creates a business vicinity map reflective of the potential computer hardware servicing market in one's town/municipality.	<p>LO 1. Develop a product/service in computer hardware servicing</p> <ol style="list-style-type: none"> 4.1 Identify what is of "value" to the customer 4.2 Identify the customer to sell to 	TLE_EM10-IO-1

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
			4.3 Explain what makes a product unique and competitive 4.4 Apply creativity and innovative techniques to develop marketable product 4.5 Employ a Unique Selling Proposition (USP) to the product/service	
5. Selecting a Business Idea 6. Key concepts in selecting a business Idea 6.1 Criteria 6.2 Techniques			LO 2. Select a business idea based on the criteria and techniques set 2.1 Enumerate various criteria and steps in selecting a business idea 2.2 Apply the criteria/steps in selecting a viable business idea 2.3 Determine a business idea based on the criteria/techniques set	TLE_EM10-I0-2
7. Branding			LO 3. Develop a brand for the product 3.1 Identify the benefits of having a good brand 3.2 Enumerate recognizable brands in the town/province 3.3 Enumerate the criteria for developing a brand 3.4 Generate a clear appealing product brand	TLE_EM10-I0-3
LESSON 3: CONFIGURING COMPUTER SYSTEMS AND NETWORKS (CC)				
1. Safety procedures 2. Inspecting work instructions according to job requirements 3. Planning and preparing of standard operating procedures 4. Procedures in using the tools and equipment	The learner demonstrates understanding of the underlying concepts and principles in configuring computer systems and networks.	The learner independently demonstrates skills in configuring computer systems and networks as prescribed by TESDA Training Regulations.	LO 1. Plan and prepare for configuration 1.1 Follow OHS in planning and preparing for configuration of computer systems and networks 1.2 Prepare computer systems, tools, devices, equipment and materials	TLE ICTCS10CC-Ia-c-1

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
LESSON 4: MAINTAINING COMPUTER AND NETWORK SYSTEMS (MN)				
<ol style="list-style-type: none"> 1. Safety procedures 2. Procedures in planning and conducting maintenance 3. Identification and diagnoses of faulty computer and networks systems 4. Tools and tests equipment 5. PC specifications 6. Network functions and specifications 	The learner demonstrates understanding of the underlying concepts and principles in maintaining computer and networks systems.	The learner independently demonstrates skills in computer and network systems as prescribed by TESDA Training Regulations.	LO 1. Plan and prepare for the maintenance of computer systems and networks <ol style="list-style-type: none"> 1.1 Follow OHS procedures in maintaining computer systems and networks 1.2 Plan on how to maintain computer and networks systems 1.3 Identify faulty computer and networks systems 1.4 Identify tools in maintaining computer and network systems 1.5 Inspect testing equipment/devices 1.6 Check PC specifications 1.7 Verify network functions and specifications 	TLE_ICTCS10MN-IIIa-e-1
<ol style="list-style-type: none"> 7. Safety procedures 8. Diagnosis and identification of faulty systems 9. Diagnostics software 10. Repair or replace faulty system 11. Maintenance of computer systems <ol style="list-style-type: none"> 11.1 Procedures in cleaning hardware components 11.2 Defragment 11.3 Scandisk 11.4 Delete temporary files 11.5 Uninstall unused Programs 			LO 2. Maintain computer systems <ol style="list-style-type: none"> 2.1 Follow OHS procedures in maintaining computer systems 2.2 Identify faulty computer systems 2.3 Test normal functions of computer systems 2.4 Perform repair and replacement of faulty computer systems 2.5 Adhere to the recommended schedule and techniques in maintaining and cleaning computer systems 2.6 Respond to sudden breakdowns of computer systems in accordance with established procedures 	TLE_ICTCS10MN-III f-j-2

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
12. Safety procedures 13. Procedures in maintaining network systems 14. Diagnostics software 15. Repair or replace faulty systems and cables 16. Burn-in test computer system			LO 3. Maintain network systems 3.1 Follow OHS procedures in maintaining network systems 3.2 Identify procedures in maintaining network systems 3.3 Check or run the diagnostic software 3.4 Adhere to the recommended schedule and techniques in maintaining and cleaning network systems 3.5 Respond to sudden breakdowns of network systems in accordance with established procedures 3.6 Run the burn-in test on computer systems	TLE_ICTCS10MN-IVa-e-3
17. Safety procedures 18. Maintenance of computer systems and networks 19. Computer communications 20. Internet connectivity 21. Burn-in test repaired computer systems and networks 22. Documentation of tasks			LO 4. Inspect and test configured/ repaired computer systems and networks 4.1 Follow OHS procedures in maintaining network systems 4.2 Maintain the computer systems and networks to ensure safe operations 4.3 Run or conduct computer to computer communications 4.4 Connect computer systems to the internet 4.5 Check computer systems and network to ensure safe operation 4.6 Run the burn-in test on computer systems 4.7 Conduct final inspection on	TLE_ICTCS10MN-IVf-j-4

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CONTENT	CONTENT STANDARD	PERFORMANCE STANDARD	LEARNING COMPETENCIES	CODE
			the tests undertaken 4.8 Prepare technical reports that comply with job requirements	

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INFORMATION AND COMMUNICATIONS TECHNOLOGY – COMPUTER HARDWARE SERVICING
GLOSSARY**

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INFORMATION AND COMMUNICATIONS TECHNOLOGY – COMPUTER HARDWARE SERVICING**

Code Book Legend

Sample: TLE_HETL12MT-IVj-16

LEGEND		SAMPLE	
First Entry	Learning Area and Strand/ Subject or Specialization	Technology and Livelihood Education_ Information and Communications Technology Computer Hardware Servicing	TLE_ ICT CS 10
	Grade Level	Grade 12	
Uppercase Letter/s	Domain/Content/ Component/ Topic	Maintaining Computer Networks and Systems	MN
			-
Roman Numeral <i>*Zero if no specific quarter</i>	Quarter	Fourth Quarter	IV
Lowercase Letter/s <i>*Put a hyphen (-) in between letters to indicate more than a specific week</i>	Week	Week Six to Ten	f-j
			-
Arabic Number	Competency	Inspect and test configured/repaired computer systems and networks	4

DOMAIN/ COMPONENT	CODE
Personal Entrepreneurial Competencies	PECS
Environment and Market	EM
Use of Hand Tools and Equipment	UT
Maintain Hand Tools, Equipment, and Paraphernalia	MT
Perform Mensuration and Calculation	MC
Prepare and Interpret Technical Drawing	ID
Practice Occupational Health and Safety Procedures	OS
Installing Computer Systems and Networks	CN
Diagnosing and Troubleshooting Computer Systems	DT
Configuring Computer Systems and Networks	CC
Maintaining Computer and Network Systems	MN