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**SCHEMES OF WORK**

COLLEGE: LAIKIPIA EAST TVC MODULE: CICT Mod II SUBJECT: COMPUTER MAINTENCE AND SUPPORT

DATE: 27/04/2024 TERM: TERM 2 CLASS: CICT /S/22 TRAINER’S NAME: DUNCAN NDEGWA

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| **TERM 2** | | | | | | |
| **Week** | **Topic/Lesson Title** | **Objectives** | **Key Points** | **Activities** | **Reference & Aids** | **Remarks/**  **Date Taught** |
|  | **REPORTING AND REGISTRATION** | | | | | |
|  | Power Supply | By the end of the lesson the leaner should be able to:   * Outline the importance of power supply * Explain power supply form factors and connectors * Explain power supply problems * Explain power supply problems * Explain the power supply protection devices | * Functions * Form Factors * Power supply problems * Protection devices | Taking notes  Practical session  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | Computer Assembly and Disassembly | By the end of the lesson the leaner should be able to:   * Describe hardware inventory * Outline assembly and disassembly features * Explain computer upgrading | * Procedures * Computer upgrading * Inventory | Taking notes  Demonstration  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | Software Installation | By the end of the lesson the leaner should be able to:   * Describe file systems * Install software | * file systems * software installation | Taking notes  Practical session  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | Troubleshooting | By the end of the lesson the leaner should be able to:   * Explain the principles of fault finding * Explain hardware faults * Scan for viruses | * Troubleshooting steps * Types of viruses * Hardware faults | Taking notes  Practical session  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | **CAT ONE** | | | | | |
|  | Computer User Support | By the end of the lesson the leaner should be able to:   * Describe types of user support * Explain requirements of user support | * Types of user support | Interactive lectures  Practical session  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | Electronic Waste Management | By the end of the lesson the leaner should be able to:   * Define electronic waste * Classify electronic wastes * Effects of electronic waste * Procedure in waste management | * Definitions * Classes of E-waste | Interactive lectures  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | Emerging Trends | By the end of the lesson the leaner should be able to:   * Identify trends in computer application * Explain challenges of emerging trends | * Trends in computer application * Challenges of emerging trends | Taking notes  Class discussion  Questions and answers | * E-books * Graves, M. (2001). *PC Hardware Maintenance and Repair*. Prompt Publications. |  |
|  | **REVISION (KNEC EXAMS PAST PAPERS)** | | | | | |
|  | **REVISION AND EXAMINATIONS** | | | | | |

Trainers Sign…………………. HOD’s Name....................………...Sign and stamp…………… Date………….