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| Sector : ICT | Sub-sector: Computer Hardware Maintenance | | | Date : 15/01/2025 | |
| Lead Trainer's name : John MUGISHA | | | | TERM : Term 1 | |
| Module(Code&Name): CHM4101 - Computer Assembly | Week : Week 5 | | No. Trainees: 25 | Class(es): CHM4A | |
| Learning outcome: | By the end of this module, learners will be able to assemble desktop computers correctly | | | | |
| Indicative contents: | Computer components, Assembly procedures, Safety precautions, Testing procedures | | | | |
| Topic of the session: Installing Motherboard and Power Supply | | | | | |
| Range: \nComputer components, Assembly procedures, Safety precautions, Testing procedures | Duration of the session: 40min | | | | |
| Objectives: By the end of this session every learner should be able to:\n1. Identify motherboard components 2. Install motherboard correctly 3. Connect power supply safely | | | | | |
| Facilitation technique(s): Demonstration, Hands-on practice, Group work | | | | | |
| **Introduction** | | **Resources** | | | **Duration** |
| Trainer's activity:   • Greets and makes roll call  • Involves learners to set ground rules  • Involves learners to review previous session  • Announces topic: Installing Motherboard and Power Supply  • Explains objectives  Learner's activity:   • Greets and replies to roll call  • Participates in setting ground rules  • Participates in review  • Reads and participates in explaining objectives  • Asks clarifications if any | | Attendance sheet\nPPT\nProjector\nComputers\nFlipchartwhiteboard\nMarker pen | | | 5 minutes |
| **Development/Body** | | | | | |
| Students will practice installing motherboards in computer cases under supervision | | Computer cases, Motherboards, Power supplies, Screwdrivers, Anti-static wristbands | | | 25\nminutes |
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| **Conclusion** | | | | | |
| Summary: The trainer involves learners to summarize the session by asking questions reflecting on learning objectives. The learners summarize the session by responding to asked questions. | | Computer\nProjector | | | 3 minutes |
| Trainer's activity:   Practical assessment: Students assemble a complete system Written test: Safety procedures  Learner's activity:  Learners receive assessment and answer questions | | Assessment sheets | | | 5 minutes |
| Trainer's activity:   Trainer involves learners in session evaluation  Asks: How was the session? What to improve?  Links current session to next one  Learner's activity:  Learners answer questions  Understand what will be covered in next session | | Self-assessment form | | | 2 minutes |
| References:\nBibliography\n\nComputer Hardware Maintenance Manual, RTB Curriculum Guide | | | | | |
| Appendices: PPT, Task Sheets, Assessment | | | | | |
| Reflection: (To be completed after session) | | | | | |