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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: Computer 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: 1. 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 and demonstrates key concepts  • Shows examples and models the process  Learner's activity:   • Greets and replies to roll call  • Participates in setting ground rules  • Observes demonstration attentively  • Takes notes on key points  • Asks clarifications if any | | * Attendance sheet PPT Projector Computers Flipchart whiteboard Marker pen * PPT * Projector * Computers * Flipchart or whiteboard * Maker pen | | | 5 minutes |
| **Development/Body** | | | | | |
| Students will practice installing motherboards in computer cases under supervision | | * Computer cases, Motherboards, Power supplies, Screwdrivers, Anti-static wristbands * projector, * PPT * Installed operating system | | | 25 minutes  minutes |
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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.**  The trainer involves the learners to summarize the session by asking questions reflecting on the learning objectives.  The learners summarize the session as by responding to asked questions. | | * Computer Projector * projector | | | 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: Bibliography  Computer Hardware Maintenance Manual, RTB Curriculum Guide** Bibliography | | | | | |
| **Appendices: PPT, Task Sheets, assessment** | | | | | |
| 1. **Reflection:** | | | | | |