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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 | | | | |
| **Topic of the session: Installing Motherboard and Power Supply** | | | | | |
| **Range:  Computer components, Assembly procedures, Safety precautions** | **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): Hands-on practice** | | | | | |
| **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 practical exercise  • Demonstrates safety procedures  • Distributes materials and tools  Learner's activity:   • Greets and replies to roll call  • Participates in setting ground rules  • Observes safety demonstration  • Collects materials  • 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** | | | | | |
| Trainer's activity:  • Provides practical exercises on Installing Motherboard and Power Supply  • Demonstrates proper techniques and safety  • Distributes tools and materials  • Supervises hands-on practice  • Provides individual assistance  • Ensures safety protocols are followed  Learner's activity:  • Performs hands-on practice  • Follows safety procedures  • Uses tools and equipment correctly  • Completes practical tasks  • Troubleshoots problems independently  • Seeks help when needed | | * Tools and equipment Safety gear Materials Workbenches Instruction manuals Safety guidelines * 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:   • Conducts practical skills test on Installing Motherboard and Power Supply  • Observes technique and safety compliance  • Evaluates finished work quality  • Provides performance feedback  Learner's activity:  • Performs practical assessment  • Demonstrates proper techniques  • Completes required tasks** | | 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 | | | 2minutes |
| **References: Bibliography  Computer Hardware Maintenance Manual** Bibliography | | | | | |
| **Appendices: PPT, Task Sheets, assessment,** | | | | | |
| 1. **Reflection :** | | | | | |