Southern

Kamonyi

Runda

Runda TSS

**Term: 1**

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| Week 1 | **Competence code and name** | | | 40h | **Resources (Equipment, tools, and materials)** | **Evidences of formative assessment** | Lab | **Observation** |
| Outcome 1 | **Duration** | Content 1 |
| Week 2 | Outcome 2 | 10 hours | Content 2 | 40h | Computers, Projector, Projection screen, Printers,  routers | **Written and practical assessment** | Lab |  |
| **IC1.2:**  Identification of tools, materials and equipment | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers,  routers |
| **IC1.3:**  Calibration of equipment | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers,  Routers |
|  | **LO2**: **Assemble PCBA using SMT** | 50 hours | **IC2.1:** Introduction to PCB | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers,  routers | **Written and practical assessment** |  |  |
|  |  |  | **IC2.2:** Identification of PCBA technologies | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers,  routers |  |  |  |
|  | Integrated Assessment (for specific module) | | | Task | Consumables |  | workshop |  |

**Trainer’s name and signature: TUYISINGIZE Leonard**

**Term: 2**

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| Week 1 | **Competence code and name** | | | 40h | **Resources (Equipment, tools, and materials)** | **Evidences of formative assessment** | Lab | **Observation** |
| Outcome 1 | **Duration** | Content 1 |
| **09/12-24/2/2023** | LO2:  **Assemble PCBA using SMT** |  | **IC2.3:**  **Description of Surface Mount technology for PCBA** | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers | **Written and practical assessment** | **Class**  **Computer system and architecture Workshop** |  |
| **IC2.4:**  **Perform SMT PCB Assembly process** | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers |
|  | Integrated Assessment (for specific module) | | | Task | Consumables |  | workshop |  |

**Trainer’s name and signature: TUYISINGIZE Leonard**

**Term: 3**

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| Week 1 | **Competence code and name** | | | 40h | **Resources (Equipment, tools, and materials)** | **Evidences of formative assessment** | Lab | **Observation** |
| Outcome 1 | **Duration** | Content 1 |
| Week 2 | Outcome 2 | 20 hours | Content 2 | 40h | Computers, Projector, Projection screen, Printers | **Written and practical assessment** | Lab |  |
| **IC1.2:**  **● Connection of Desktop Computer parts** | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers |
| **IC1.3:**  **Connection of Laptop Computer parts** | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers |
|  |  |  | **IC1.3:**  **Test of assembled computer** | ● Demonstration and simulation  ● Individual and group work  ● Practical exercise  ● Individualized  ● Trainer guided  ● Group discussion | Computers, Projector, Projection screen, Printers |  |  |  |
|  |  |  | **I.C 1.4 Documentation of Assembly report** | ● Individualized  ● Trainer guided  ● Group discussion | Computers, screen, Printers |  |  |  |
| 4 | Integrated Assessment (for specific module) | | | Task | Consumables |  | workshop |  |

**Prepared by: (Name, position and Signature) TRAINER: TUYISINGIZE Leonard**

**Verified by: (Name, position and Signature) DOS :**

**Approved by: (Name, position and Signature) SCHOOL MANAGER:**