## LESSON 1: USE OF TOOLS AND BAKERY EQUIPMENT

**Demonstrate understanding of/on:**
- Baking tools and equipment and their uses
- Classification of tools

<table>
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<tr>
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<th>Performance Standard</th>
<th>Learning Competencies</th>
<th>Project/ Activities</th>
<th>Assessment</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Baking tools and equipment are identified based on their uses.</td>
<td>LO1. Prepare tools and equipment for specific baking purposes.</td>
<td>1. Familiarizing and classifying different baking tools and equipment and their uses.</td>
<td>• Written Test • Performance on the classification of tools</td>
<td>4 hours</td>
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</tbody>
</table>
## LESSON 2: PERFORMING MENSURATION AND CALCULATION

**Demonstrate understanding of/on:**

- **Standard table of weights and measures**
  - 1. Standard table of weights and measures are identified and applied.  
    - LO1. Familiarize oneself with the table of weights and measures in baking
    - 1. Measuring ingredients based on standard weights and measures  
    - • Written examination  
    - 2 hours

- **Conversion/substitution of weights and measures**
  - 1. Accurate conversion/substitution of weights and measures are performed.  
    - LO2. Apply basic mathematical operations in calculating weights and measures.  
    - 1. Calculating of ingredients using fundamental operations.  
    - • Performance on conversion of weights and measures  
    - 2 hours

- **Proper measuring of ingredients**
  - 1. Reading of measurements is practiced with accuracy.  
    - LO3. Measure dry and liquid ingredients accurately  
    - 1. Performing the proper measuring of liquid and dry ingredients  
    - • Demonstration  
    - 4 hours
### LESSON 3: MAINTAINANCE OF TOOLS AND EQUIPMENT

#### Demonstrate understanding of/on:
- Classification of functional and non-functional tools
- Types and uses of cleaning materials / disinfectants
- Preventive maintenance techniques and procedures.
- Occupational Health and Safety Center (OSHC) workplace regulations

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|                 | 1. Tools and equipment are identified according to classification/specification and job requirements.  
2. Non-functional tools and equipment are segregated and labeled according to classification.  
3. Safety of tools and equipment are observed in accordance with manufacturer’s instructions. | LO1. Check condition of tools and equipment. | 1. Testing for the accuracy, functionality, and usefulness of the delivered tools and materials.  
2. Classifying functional and non-functional tools and equipment and repairing of defective tools. | • Direct observation  
• Written test | 4 hours |
|                 | 1. Tools and equipment are maintained according to preventive maintenance schedule or manufacturer’s specifications.  
2. Tools are cleaned in accordance with standard procedures.  
3. Work place is cleaned and kept in safe state in line with OSHC regulations. | LO2. Perform basic preventive maintenance. | 1. Practicing preventive maintenance schedule based on manufacturer's specifications.  
2. Practicing the proper cleaning of tools  
3. Maintaining clean and safe workplace in line with OSHC regulations. | • Direct observation  
• Written test | 4 hours |
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<td>• Proper storage of tools and equipment</td>
<td>1. Tools and equipment are stored in safely accordance with manufacturer’s specifications or company procedures.</td>
<td>LO3. Store tools and equipment</td>
<td>1. Storing/safe keeping of tools and equipment based on manufacturer’s requirements.</td>
<td>• Written test /questioning • Performance test</td>
<td>4 hours</td>
</tr>
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### LESSON 4: PRACTICING OCCUPATIONAL HEALTH AND SAFETY PROCEDURES

**Demonstrate understanding of/on:**
- Hazards and risks identification and control
- Occupational Health and Safety (OHS) indicators
- Personal hygiene and proper hand washing

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|                  | 1. Workplace hazards and risks are identified and clearly explained.  
2. Hazards/Risks and their corresponding indicators are identified in line with company procedures.  
3. Contingency measures are recognized and established in accordance with organizational procedures. | LO1. Identify hazards and risks | 1. PowerPoint presentation on hazards and risks.  
2. Making posters of warning signs on dangerous and risky areas.  
3. Labeling toxic chemicals and their safe keeping. | • Written test | 4 hours |

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### LESSON 5: PRACTICING OCCUPATIONAL HEALTH AND SAFETY PROCEDURES

**Content Standard**
- Philippine OHS Standards
- Effects of hazards in the workplace

**Performance Standard**
- Effects of hazards are determined.
- OHS issues and concerns are identified in accordance with workplace requirements and relevant workplace OHS legislation.

**Learning Competencies**
- LO1. Evaluate hazards and risks

**Project/Activities**
- 1. Film viewing on the effects of hazard risks.
- 2. Visiting people in the workplace and interviewing personnel.

**Assessment**
- Written examination

**Duration**
- 4 hours
## K to 12 TECHNOLOGY AND LIVELIHOOD EDUCATION

### HOME ECONOMIC - BREAD AND PASTRY PRODUCTION

*(Exploratory)*

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| • Safety Regulations                                                              | 1. In dealing with workplace accidents, fire and emergencies are followed in accordance with the organization’s OHS policies.  
2. Personal protective equipment for controlling hazards is correctly used in accordance with organization’s OHS procedures and risks are strictly followed. | LO2. Control hazards and risk | 1. Familiarizing oneself with the locations of emergency or fire exits and first aid kit.  
2. Showing the proper use of Personal Protective Equipment (PPE).  
3. Practicing proper segregation techniques | • Written Test | 4 hours |
| • Clean Air Act                                                                    |                                                                                  |                       |                                                                                   |                |          |
| • Electrical and Fire Safety Code                                                 |                                                                                  |                       |                                                                                   |                |          |
| • Waste management                                                                |                                                                                  |                       |                                                                                   |                |          |
| • Contingency Measures and Procedures                                            |                                                                                  |                       |                                                                                   |                |          |
| • Operational health and safety procedure, practices and regulations              | 1. Procedures in emergency related drill are strictly followed in line with the established organization guidelines and procedures.  
2. OHS personal records are filled up in accordance with workplace requirements. | LO3. Maintain occupational health and safety awareness | 1. Doing emergency drills on fire and earthquakes and performing first aid measures on hazards.  
2. Filling-up OHS records properly. | • Written examination | 4 hours |
| • Emergency-related drills and training                                          |                                                                                  |                       |                                                                                   |                |          |

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