Ritchen Essentials Basic Food Preparation M A N U A L

Dr. Rene D. Osorno Dr. Grayfield T. Bajao



Inlibrary

Kitchen Essentials & Basic Food Preparation Manual

Dr. Rene D. Osorno Dr. Grayfield T. Bajao

3701



Wiseman's Books Trading, Inc.

Philippine Copyright, 2019

By:

Wiseman's Books Trading, Inc.

and

Dr. Rene D. Osorno Dr. Grayfield T. Bajao

PUBLISHED AND DISTRIBUTED BY: WISEMAN'S BOOKS TRADING, INC.

ISBN: 978-621-418-066-0

All Rights Reserved

No part of this book may be reproduced or transmitted in any form or by means, electronic or mechanical, including photocopying, recording or by any information storage and retrieval system, without permission in writing from the publisher and author.

Any copy of this book without the signature of the author is considered from illegal source or is in possession of one who has no authority to dispose of the same.



Acknowledgement

We wish to acknowledge the following persons, for this support in making this manual possible:

to Atty. Augusto W. Go, University of Cebu - President

to Ms. Candice Gotianuy, University of Cebu - Chancellor,

to Dr. Erlinda P. Barcelo, University of Cebu, Vice-Channcelor for Academic Affair,

to DR. Ulysses B. Aparece for technical advice and assistance

to All HRM Faculty, Uc Main, UCLM and UC Banilad for taking time to review of this manual,

to our family, friends and relatives who have inspired us and support to complete this manual,

to the following authors for their excellent ideas,

David McSwane, HSD.,

Nancy R. Rue, Ph.D.,

Richard Linton, Ph.D. Of Essentials of Food Safety and Sanitation presented in Chapter 1 on Laboratory Conduct and Responsibilities and Chapter 2 on Safety, Security and Personal Hygiene in the Workplace.

Roy Hayter of NVQ, SVQ Food Preparation and Cooking, 1996, the ideas presented in Chapter 3 on Clean and Chapter 5 on the Food preparation Process.

Victor Ceserani et al of Practical Cookery in Chapter 6 on Preparing Vegetables and Fruits, Chapter 7 on Preparing Stocks, Sauces and Soups and Chapter 8 on Preparing Egg Dishes.

The editors of Time Life books, Grains, Pasta and Pulses for Chapter 9.

Roy Hayter of NVQ, SVQ Food Preparation and Cooking presented in Chapter 10 on preparing & Cooking Fish and Shellfish, Chapter 11 on Preparing & Cooking Poultry and Meat and Chapter 12 on Preparing Sandwiches & Canapes.

And most of all, to our Almighty Father, for giving us wisdom, courage and strength.

Grayfield T. Bajao Rene D. Osorno

Table of Contents

			Page
	Chap	ter 1: Laboratory Conduct and Responsibilities Laboratory Exercise #1 Laboratory Activity #1	1 2 3
	Chap	ter 2: Safety, Security Personal Hygiene in the Workplace	5
		Personal Health and Hygiene Checklist when to wash your hands	5 6
		What you wear at work and how you should look like	7
		Fire Precautions	9
		Procedures in the Event of Fire	9
		Procedures on Discovery of a Suspicious Item or Package	13
		Procedures in the Event of an Accident	13
		Recording and Reporting Accidents	14
		First Aid Treatment and Equipment	16
		Safety Procedures	17
		Laboratory Exercise #2	19
		Laboratory Activity #2	21
	Chan	ter 3: Clean and Maintain Kitchen Premises Equipment	
-	Chap	& Utensils	23
		Type of Surface and Their Cleaning	23
		Type of Cleaning Agent	24
		Checklist in Storing Cleaning Agents	25
		Cleaning safely and effectively	25
		Checklist in Safety with Cleaning Agents	26
		Disposing of Rubbish and Waste Food	27
		Cleaning Floors, Drainage Channels, etc.	27
		Cleaning Kitchen Equipment	28 29
		Types of Equipment and their cleaning Cleaning Kitchen Utensils	31
		Types of Utensil	32
		Storing Utensils	33
	1571.	Cleaning Cutting Equipment	34
		Using Suitable Cleaning Equipment and Materials	34
		Types of Equipment and their cleaning	34
		Storing and Handling Cutting Equipment	35
		Handling Waste	36
		Types of Waste	36
		Unidentifiable and Hazardous Waste	36
		Checklist in safe Storage of Waste	37
		Checklist in Waste Left for Collection	38
		Laboratory Exercise #3	39
		Laboratory Exercise #3	41

Chapter 4: F	ood Borne Illnesses	43
. The V	/egetative and Spore States of Bacteria Cells	44
Spoila	age and Disease-Causing Bacteria	44
	erial Growth	44
	Bacteria Need in order to Multiply	45
	borne Illness	47
	ral Symptoms of Foodborne Illness	48
	sification of Foodborne Illness	48
	borne Illness Caused by Bacteria	48
	ratory Exercises #4	53 55
Labor	ratory Activity #4	55
	The Food Preparation Process	57
	Mise-en-place	57
	ng Techniques	58
	ng Equipment	59
	ratory Exercise #5	60
Labo	ratory Activity #5	62
Chapter 6: F	Preparing Vegetables and Fruits	63
	gories of Vegetables	64
	ratory Exercise #6	68
Labo	eratory Activity #6	69
Chapter 7: I	Preparing Stocks, Sauces and Soups	71
Stock		71
Class	sification of Stocks	72
Glaz		74
Sauc	ces	74
Roux		74
	oratory Exercise #7	76
Labo	oratory Activity #7	77
	Preparing Egg Dishes	79
Type	e of Egg	79
	de of Size of Egg	80
	ket Forms of Egg	81
	chasing and Quality of Egg	81
	lth, Safety and Hygiene	82
	oratory Exercise #8	83
Labo	oratory Activity #8	84

Chapt	ter 9: Preparing & Cooking Pasta Dishes Shapes of Pasta Food Value	85 86 86
	Examples of Sauce that go with Pasta	86
	Cooking Pasta	86
	Examples of Common Pasta	87
	Laboratory Exercise #9	88
	Laboratory Activity #9	89
Chapt	er 10: Preparing & Cooking Fish and Selfish	91
	Classification of Fish	91
	Market Forms of Fish	92
	Points to look for when buying fresh fish	93
	Storage Preservation	94
	Methods of Cooking Fish	94 94
	Cuts of Fish	96
	Laboratory Exercise #10	97
	Laboratory Activity #10	98
Chapte	er 11: Preparing & Cooking Poultry and Meat	99
•	Poultry	99
	Cuts of Chicken	100
	Storage	101
	Storage Beef Cuts of Beef Pork Laboratory Exercise #11	102
	Pork	102 105
	Laboratory Exercise #11	105
	Laboratory Activity #11	108
Chapte	er 12: Preparing sandwiches & Canapes	109
	Main Groups of Bread	109
	Fillings	110
	Types of Spread	110
	Types of Sandwiches	110
	Cocktail Canapes	111
	Laboratory Exercise#12 Laboratory Activity #12	113 114
	Laboratory Activity #12 Laboratory Activity #13	115
		113
Biblio	araphy	116

Laboratory Conduct and Responsibilities

General Rules

15

- Wear appropriate clothing before entering the laboratory, and do not remove it until after you leave the laboratory.
- Wash your hands with soap before working with food. Do not dry your hands on dish towels. Paper towels are available. Do not wear excessive jewelry when preparing and handling food items in the kitchen.
- After using a handkerchief, wash your hands before you handle food again.
- Avoid touching your hair or face while working with food. Wash your hands after each contact
- Use a special spoon or fork for sampling any food product to test for doneness or seasonin. Any spoon or fork placed in the mouth must be washed before being used for further food sampling
- Observe safety procedures while working with sharp knifves and other equipment.
- Keep your work station clean. Each student should assist in general housekeeping of the laboratory. You are responsible for washing your own equipment.
- 8. Be cooperative in sharing limited space and tools.
- Inform the instructor of any physical disabilities that might cause danger to you or to another student while you work in the laboratory.
- Never sit on any piece of equipment in the laboratory.
- Return all equipment to its proper location in the laboratory. Each piece of equipment should be clean and dry before it is stored.
- No one is allowed to prepare and cook foods unless the instructor askend them to do so.
- 13. Do not play in the laboratory.
- 14. Report all items and equipment that are not functioning properly to the instructor. Never attempt to fix things inside the laboratory.

