

A Course Module for

Teaching Learners with Developmental Disabilities

Sheena Jade G. Manuel
Tina Amor Villapando-Buhat
Armida Roncales-Tecson
Isabelle S. Sibayan
Authors

Greg Tabios Pawilen
Coordinator



A Course Module for

Teaching Learners with Developmental Disabilities

Sheena Jade G. Manuel
Tina Amor Villapando-Buhat
Armida Roncales-Tecson
Isabelle S. Sibayan
Authors

Greg Tabios Pawilen
Coordinator

Published & Distributed by:



REX Book Store

856 Nicanor Reyes Sr. St.
Tel. Nos.: 8736-0567/8733-6746
2161-65 Freedom Bldg., C.M. Recto Avenue
Tel. Nos.: 8522-4521/8522-4107
Manila, Philippines
www.rex.com.ph



Philippine Copyright 2021
by Rex Book Store, Inc.
and

Sheena Jade G. Manuel • Tina Amor Villapando-Buhar
Armida Roncales-Tecson • Isabelle S. Sibayan

RBS A Course Module for Teaching Learners with Developmental Disabilities

2021 Edition

ISBN 978-621-04-2167-5

Classification: Module (04-ED-00063-0)

Published, copyrighted 2021, and distributed by Rex Book Store, Inc. (RBSI) with main office at 856 Nicanor Reyes Sr. St., Sampaloc, Manila /
Tel. Nos.: 8736-0567, 8733-6746 • Customer Interaction Center / Tel. Nos.: 8857-7777, 8857-7743-44, 8857-7794 to 97 / Email Address:
cicsupport@rex.com.ph

RBSI Branches:

LUZON

• **MORAYTA:** 856 N. Reyes Sr. St., Sampaloc, Manila / Tel. Nos.: 8736-0567, 8733-6746 • **RECTO:** 2161-65 Freedom Bldg., C.M. Recto Ave, Sampaloc, Manila / Tel. Nos.: 8522-4521, 8522-4107 • **CUBAO:** Unit 10 UGF Doña Consolacion Bldg., Gen. Santos Ave, Araneta Center, Cubao, Quezon City / Tel. No.: 8911-1070 • **SOHO-GREENFIELD:** Unit 1 Lots 9 & 10 Soho Central Greenfield, Mandaluyong City / Tel. No.: 7751-4031 • **NAGA:** 1-1A Geronimo Bldg., BarlinSt. Sta. Cruz, Naga City / Tel. No.: (054) 472-8654 • **CABANATUAN:** Fontelera Bldg., 1271 del Pilar Ext., Sangitan East, Cabanatuan City, Nueva Ecija / Tel. No.: (044) 600-5684 • **PAMPANGA:** Rex Beluan Sentru Bldg., Lot 103 Sto. Rosario St., Brgy. San Jose, Angeles City, Pampanga / Tel. No.: (045) 409-1612 • **MAKATI:** Unit UG-2, Star Centrum Bldg., Sen. Gil Puyat Ave., Makati City / Tel. Nos.: 8818-5363, 8893-3744 • **ROCKWELL:** 1st Flr., Ateneo Professional School, Rockwell Center, Bel-Air, Makati City / Tel. No.: 0956-4219711 • **BAGUIO:** Upper Gen. Luna cor. A. Bonifacio St., Baguio City / Tel. No.: (074) 422-0574 • **TUGUEGARAO:** 10 Arellano Ext. St., Brgy. Ugac Sur, Tuguegarao, Cagayan / Tel. No.: (078) 844-8072 • **URDANETA:** Zone 6, Pinaludpod, Urdaneta City, Pangasinan / Tel. No.: (075) 568-3975 • **CAVITE:** Block 4, Lot 20 Don Gregorio Heights 2 Zone, 1-A Aguinaldo Hi-way, Dasmariñas, Cavite / Tel. No.: (046) 416-1824 • **LIPA, BATANGAS:** Purok 5B Paninsingin, Tambo, Lipa City / Tel. No.: (043) 741-6614 • **PALAWAN:** Abad Santos St. cor. Valencia St., Puerto Princesa City, Palawan • **MARIKINA:** Book Museum Cum Ethnology Center, 127-Dao St., Marikina Heights, Marikina City / Tel. No.: 7900-0841 • **CAVITE:** Rex Habitat and Cultural Display Area, Block 5 Lot 6 CityView 4&5, Brgy. Tanauan, Tanza, Cavite • **BATANES:** DDD Habitat Lodging House - Batanes, Llopez St., Barangay Kayvulaganan 3900 Basco, Batanes / Tel. No.: 09101332581

VISAYAS

• **TACLOBAN:** Brgy. 78 Marasbaras, Tacloban City / Tel. Nos.: (053) 323-8976, (053) 523-1784 • **ILOILO:** No. 75 Brgy. San Isidro Lopez-Jaena, Jaro, Iloilo City / Tel. Nos.: (033) 508-8760, (033) 329-0336 • **BACOLOD:** No. 28 Quezon Ave., Purok Immaculada, Brgy. 36, Bacolod City / Tel. No.: (034) 707-5825 • **CEBU:** 11-Sanclango St., Cebu City / Tel. Nos.: (032) 416-9684, (032) 254-6773

MINDANAO

• **DAVAO:** 156-A C. M. Recto St., Davao City / Tel. Nos.: (082) 300-5422, (082) 305-5772, (082) 221-0272 • **ZAMBOANGA:** Don Alfaro St., Brgy. Tetuan, Zamboanga City / Tel. No.: (062) 955-0887 • **CAGAYAN DE ORO:** J. Serifa St. cor. Vamenta Blvd., Carmen, Cagayan de Oro City / Tel. No.: (088) 858-6775 • **GENERAL SANTOS:** Apiente St., Dadiangas Heights, General Santos City / Tel. Nos.: (083) 304-8512, (083) 554-7102

www.rex.com.ph

No portion of this book may be copied or reproduced in books, pamphlets, outlines, or notes—whether printed, mimeographed, typewritten, photocopied, or in any form—for distribution or sale, without the written permission of the Publisher and Author/s. The infringer shall be prosecuted in compliance with copyright, trademark, patent, and other pertinent laws.


Internet Link Disclaimer

Rex Book Store, Inc. (RBSI) is not responsible for the accuracy, legality, or content of the external sites and for that of subsequent links. These links are being provided as a convenience and for informational purposes only. Although verified at the date of publication, the publisher cannot guarantee that these links will work all of the time nor does it have control over the availability of linked pages.

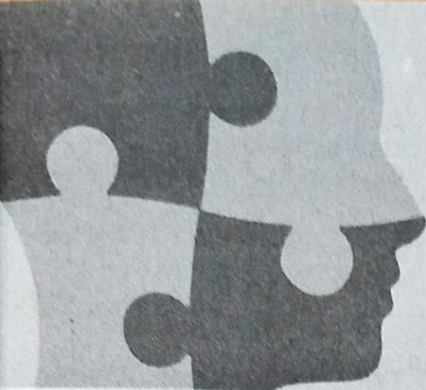
Moreover, the publisher does not warrant sites or the servers that make them available are free of viruses or other harmful components. Rex Book Store, Inc. (RBSI) does not warrant or make any representations regarding the use or the results of the use of the materials in these sites or in third-party sites in terms of their correctness, accuracy, timeliness, reliability, or otherwise.

RBSI's Book Association Memberships: Philippine Booksellers Association, Inc. (PBAI); Book Development Association of the Philippines (BDAP); Philippine Educational Publishers Association (PEPA); Book Exporters Association of the Philippines (BEAP); Academic Booksellers Association of the Philippines (ABAP); Children's Literature Association of the Philippines, Inc. (CLAPI); Asian Publishers Resources Center (APRC)

PEPA's International Book Association Memberships: International Publishers Association (IPA); Asia Pacific Publishers Association (APPA); ASEAN Book Publishers Association (ABPA); Philippine Book Publishing Development Federation (Philbook)

Printed by  **REX PRINTING COMPANY, INC.**

84 P. Florentino St., Sta. Mesa Heights, Quezon City / Tel. No.: 8857-7778



CONTENTS

Preface	v
---------------	---

CHAPTER 1

An Overview of the Developmental Disabilities

Lesson 1:	The Concept of Developmental Disabilities	2
Lesson 2:	Causes of Developmental Disabilities	10
Lesson 3:	Factors Affecting Developmental Disabilities	17

CHAPTER 2

Types of Developmental Disabilities

(Definition, Classification, Characteristics, and Causation)

Lesson 4:	Learners with Intellectual Disability	24
Lesson 5:	Learners with Genetic Syndromes: Fragile X, Down, Prader-Willi, and Others	32
Lesson 6:	Learners with Physical and Other Health Impairments	42
Lesson 7:	Learners with Learning Disability	52
Lesson 8:	Learners with Autism Spectrum Disorder	63
Lesson 9:	Learners with Neuromotor (Neurological) Disabilities	71
Lesson 10:	Learners with Emotional and Behavioral Impairments—Anxiety, Depressive, Oppositional Defiant, and Conduct Disorder	79

CHAPTER 3

Planning and Providing Special Education Services

Lesson 11:	Identification and Referral Process	88
------------	---	----

Lesson 12:	Types and Characteristics of Various Assessment Instruments and Methods.....	95
Lesson 13:	Assessment in Special Education	105
Lesson 14:	Special Education Curriculum	112
Lesson 15:	Curricular Accommodations and Adaptations: Its Dynamics, Challenges, and Opportunities	120
Lesson 16:	Special Education Placement Services.....	128
Lesson 17:	Early Intervention for Learners with Developmental Disabilities.....	135
Lesson 18:	IEP and Transition Development and Processes	143
Lesson 19:	Educational Approaches and Strategies in Teaching Learners with Developmental Disabilities in an Inclusive Classroom	152
Lesson 20:	Current Trends in Teaching Learners with Developmental Disabilities	165

CHAPTER 4

Advancing the Cause of LDD in Education

Lesson 21:	Family as a Pillar of Support System to Learners with Developmental Disabilities	175
Lesson 22:	Families of Learners with Developmental Disabilities: The Less Appreciated Support Aspect	181
Lesson 23:	Contemporary Challenges of Learners with Developmental Disabilities: Setting Priorities and Initiatives	187
Lesson 24:	Counseling Learners with Developmental Disabilities: Setbacks and Opportunities	192
Lesson 25:	Creating Guidance and Counseling Program for Learners with Special Needs: Prevention and Intervention	199

References	209
Index	221

ABOUT THE MODULE

This course module will give would-be teachers, parents, and caregivers of special needs children an in-depth knowledge and understanding of special education through organized lessons and activities in specific areas of teaching children with developmental disabilities. It offers both regular and special education teachers a guide on what is essential for these children, especially during this time when inclusive education is being actively promoted in our respective communities. Future educators will be able to give their outmost support and assistance to children with developmental disabilities and ensure the provision of quality, inclusive, and empowering education that these children are entitled to.

ABOUT THE AUTHORS



Sheena Jade G. Manuel is a specialist in charge of the Special Education Curriculum in the Bureau of Curriculum Development, Department of Education Main Office. She earned her Bachelor in Elementary Education with specialization in Special Education and Master of Arts in Education, major in Special Education, from the Philippine Normal University-Manila, graduating in 2007 and 2015, respectively. Presently, she is a candidate for the degree Ph.D. in Curriculum and Instruction from the same university. In recognition of her excellent work as a special education teacher, Congressman Robbie Puno and former Mayor Jun Ynares of Antipolo City awarded her as the Most Outstanding Teacher in 2015 and 2016. She has attended several special education related conferences and benchmarking activities on special education program implementation in countries such as Australia, South Korea, Hong Kong, Singapore, and Indonesia.



Tina Amor Villapando-Buhat earned her Bachelor of Science in Psychology from the Far Eastern University - Manila, and is a candidate for Ph.D. in Guidance and Counseling at the Philippine University - Manila. She is a registered licensed guidance counselor, a registered psychometrician, and a licensed secondary teacher. At present, she is working at the Department of Education-Bureau of Curriculum Development as a Senior Education Program Specialist. Currently, she is the focal person for Comprehensive Guidance and Counseling Program and the Co-Lead Specialist for Special Education Programs. She has also attended and participated in benchmarking special education programs in Singapore and Indonesia. She is also involved in publishing relevant researches in the field of Curriculum and Instruction.



Armida Roncales-Tecson is a special education teacher at Bagong Ilog Elementary School-Special Education Center in Pasig City. She has been handling multigrade levels of hearing-impaired pupils for the past 10 years. She graduated *cum laude* with the degree of Bachelor of Elementary Education, major in English, and a specialization in Special Education from the Philippine Normal University-Manila. Presently, she is a candidate graduate of Master of Arts in Education, major in Special Education, in the same university. Her career as an educator also includes being a curriculum writer in special education, a school paper adviser in English, a division and regional Paralympic coach, a demonstration teacher in the Division of Pasig, and a volunteer in the CAMP PAG-IBIG annual celebration for children with special needs. She has attended various national and regional seminars/conferences and workshops in the country, all for her commitment and advocacy in special education.



Isabelle S. Sibayan presently works as an Education Program Supervisor at the Department of Education (DepEd), handling various programs and projects under the School Governance and Operations Division. She graduated *cum laude* from the University of Santo Tomas with Bachelor of Secondary Education, major in English, and went on to earn her Master of Arts in Education, major in Curriculum Studies from the University of the Philippines-Diliman. She is currently finishing her Doctor of Philosophy, major in Educational Leadership and Management, at the Philippine Normal University-Manila. With the team of fellow curriculum specialists, she has co-lead several workshops related to the development, validation, refinement, and finalization of various special education curricula as well as other special curricular programs of DepEd. She has authored basic education books and has, on several occasions, served as an editor of researches published locally and abroad.

ABOUT THE COORDINATOR

Greg Tabios Pawilen is an associate professor at the College of Human Ecology and at the Graduate School of the University of the Philippines-Los Baños (UPLB). He finished his Master of Arts in Education and Doctor of Philosophy in Education major in Curriculum Studies at UP-Diliman. He also finished his Master of Education in Curriculum Development at the Ehime University in Japan. He received the Academic Excellence Award from the UP College of Education for obtaining the highest general weighted average for his doctorate studies. He also received the prestigious Pi Gamma Mu Award for Academic Excellence in Social Sciences and is a member of the Phi Kappa Phi International Honor Society.



Outcomes-Based Education (OBE) has become a powerful and engaging way of reforming the Philippine educational system. The highlight of OBE is the product — to develop the ideal graduates.

The Rex Book Store, Inc. tertiary textbooks are designed in compliance with the Commission on Higher Education's (CHED) requirements for OBE learning materials. The content, learning activities, and exercises aim to guide students to learn important knowledge and acquire skills to meet the CHED's prescribed competencies in specific programs.

www.rexestore.com
your online book catalog and book store



04-ED-00063-0



WE VALUE YOUR INPUT.

For comments or inquiries, email
The Office of the Chief Operating Officer
at wecare@rex.com.ph
For more info about our products
and services, please visit
www.rexbookstore.ph



ISBN 978-621-04-2167-5



9 786210 421675