

The eLearning Course on the NTP Manual of Procedures (NTP MOP), 5th edition

This course is an online alternative to the conventional classroom-type NTP MOP training. It is designed for IT-literate physicians and nurses involved or who will be involved in NTP implementation with access to a personal computer (PC) and the internet. Teaching and learning will be carried out in the Philippine TB eLearning Site at <http://impact.pbsp.org.ph:181/PhilTB.E-learning>. It is web-based and can be easily accessed by registered participants using any laptop or desktop PC with an internet speed of at least 1MB bandwidth.

The course is divided into 11 modules; the last 10 correspond to the 10 chapters of the NTP MOP, 5th ed. Around 24–32 hours of self-study (about 6–8 hours of study per week) over a period of four weeks are required for this course. Except for the scheduled live online group chats, trainees may schedule their own study time (e.g., in the morning, during breaks, at night, after office hours, on weekends), but within the prescribed course schedule. The Course Facilitator/s will provide guidance and an IT Specialist will be available for IT support.

Participants will be given usernames and initial passwords to access the course site. The study schedule, module study guides, learning activity guides and other references can be downloaded from the site. These will provide directions to participants on how to proceed using the resources in the course site. Participants are expected to go through the various learning activities and meet the course requirements within the specified period.

Course Objectives

At the end of the course, participants should be able to:

1. discuss the policies and procedures in the NTP MOP, 5th edition, and
2. accomplish correctly all the recording and reporting forms.

Course Materials

1. Course guide
2. Guide on how to navigate through the course site
3. Study guides for Modules 1–11
4. Learning activity guides
5. Various slide sets and exercises
6. Multimedia materials

All course materials or links to the course materials are available in the course site. Participants will be provided with a hard copy of the NTP MOP, 5th ed. The slide sets and exercises are the same materials used in the conventional training on the NTP MOP, 5th ed.

Course Outline and Study Schedule

The course will proceed in linear fashion, starting with the first module and moving on to the next. Participants must finish all the requirements in the preceding module before going on to the next. Any change in schedule will be announced ahead of time. Fast learners can proceed to the next module/s as soon as they finish with the previous one. For participants who cannot keep up with the schedule, late submission of requirements is allowed but they must stay within one week of the course schedule. All requirements must be completed before the scheduled post-test. Participants must inform the Course

Facilitators if they wish to go faster or if they will be delayed, so adjustments can be made in the schedule, when possible.

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
Week 1			
Module 1 (1 hour)	Module 1: Introduction to E-learning and the Course <ul style="list-style-type: none"> • What is E-learning? • General Objectives of the Course • Course Outline • Course Design – methodologies, resources, requirements • How to Use the Course Site • Background of the NTP MOP, 5th edition 	<ul style="list-style-type: none"> • Read the Course Guide • View videos on E-learning • Explore and navigate through the course site • Upload profile picture • Download materials • View videos and slide sets 	<ul style="list-style-type: none"> • Upload profile picture • Answer the online pre-test • Briefly introduce self in the Discussion Forum
Module 2 (1 hour)	Module 2: Introduction to the NTP MOP, 5th edition <ul style="list-style-type: none"> • The Magnitude of Tuberculosis in the Philippines • The Philippines and Its Health Care Delivery System • The National TB Control Program • Past Efforts to Control TB in the Country • Current Key Initiatives <ul style="list-style-type: none"> ○ Public-private mix DOTS ○ Enhanced hospital DOTS ○ Programmatic management of drug-resistant TB ○ TB-HIV collaborative activities ○ TB in jails/prisons ○ TB-DOTS certification and accreditation ○ Expansion of TB laboratory services ○ Community TB care • NTP Performance 	<ul style="list-style-type: none"> • View a video • Read the Foreword, Preface, and Chapter 1 of the NTP MOP, 5th ed. • View slide set • Do Exercise 2 • Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> • Answer correctly the exercise for Module 2 • Participate in the live chat session for the week

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
	<ul style="list-style-type: none"> • Vision, Goals, Objectives, and Strategies of the NTP • Functions of Health Service Providers 		
Module 3 (3 hours)	Module 3: Case Finding <ul style="list-style-type: none"> • Introduction to Case Finding • Objective • Definition of Terms • Classification of TB Disease <ul style="list-style-type: none"> ○ Based on bacteriological status ○ Based on anatomical site ○ Based on history of previous treatment ○ Based on drug-susceptibility testing • Policies • Procedures • Identification of Presumptive TB • Collection and Transport of Sputum Specimens • Procedure for DSSM • Procedure for Xpert RIF/MTB • Tuberculin Skin Test • Diagnosis of Extrapulmonary TB • Decision on Diagnosis Based on Laboratory Results • Intensified Case Finding 	<ul style="list-style-type: none"> • Read Chapter 2 of the NTP MOP, 5th edition • Read the additional reference materials • View a video • View the slides • Do the 4 exercises • Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> • Answer correctly all exercises for Module 3 • Participate in the live chat session for the week where answers to the exercises using forms will be discussed, among others
Week 2			
Module 4 (2.5 hours)	Module 4: Case Holding <ul style="list-style-type: none"> • Introduction to Case Holding • Objective • Policies • Procedures in Case Holding 	<ul style="list-style-type: none"> • Read Chapter 3 of the NTP MOP, 5th edition • View a video • Do the exercises 	<ul style="list-style-type: none"> • Answer correctly all exercises for Module 4 • Participate in the live chat session for the

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
	<ul style="list-style-type: none"> • TB Disease Registration Group <ul style="list-style-type: none"> ○ New ○ Retreatment ○ Relapse ○ Treatment after failure ○ Treatment after lost to follow-up ○ Previous treatment outcome unknown ○ Other • Directly Observed Treatment • Drug Formulations <ul style="list-style-type: none"> ○ Fixed-dose combination ○ Single-drug formulation 	<ul style="list-style-type: none"> • View the slides • Participate in the discussion forum and live chat session for the week 	<p>week where answers to the exercise using forms will be discussed, among others</p>
<p>Module 5 (2 hours)</p>	<p>Module 5: Prevention of TB</p> <ul style="list-style-type: none"> • Introduction to Prevention of TB • Objective • Definition of Terms • Policies • Procedures <ul style="list-style-type: none"> ○ TB infection control (IC) at DOTS facilities <ul style="list-style-type: none"> ▪ Managerial activities ▪ Administrative controls ▪ Environmental controls ▪ Respiratory protection ○ TB IC in households ○ TB IC in congregate settings ○ BCG vaccination ○ Isoniazid preventive therapy 	<ul style="list-style-type: none"> • View a video • Read Chapter 4 of the NTP MOP, 5th edition • Play the interactive game • View the slides • Do the two exercises • Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> • Answer correctly all exercises in Module 5 • Participate in the live chat for the week where answers to the exercise using forms will be discussed, among others
<p>Module 9 (1 hour)</p>	<p>Module 9: Advocacy, Communication, and Social Mobilization</p> <ul style="list-style-type: none"> • Introduction 	<ul style="list-style-type: none"> • Read Chapter 8 of the NTP MOP, 5th ed. 	<ul style="list-style-type: none"> • Participate in the live chat for the week

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
	<ul style="list-style-type: none"> • Objectives • Definition of Terms <ul style="list-style-type: none"> ○ Advocacy ○ Communication ○ Social mobilization ○ Behavior change communication ○ Information, education, and communication (IEC) ○ Interpersonal communication and counselling ○ Community mobilization ○ Cough-to-cure pathway ○ Community-based organizations ○ Community health team mobilization campaign ○ Barangay health worker • Policies and Procedures 	<ul style="list-style-type: none"> • View videos • View examples of TB IEC materials • View the slides • Participate in the discussion forum and live chat session for the week 	
Week 3			
Module 6 (3-4 hours)	Module 6: Recording and Reporting <ul style="list-style-type: none"> • Introduction • Objectives • Policies • Procedures <ul style="list-style-type: none"> ○ Procedures for recording ○ Procedures for reporting 	<ul style="list-style-type: none"> • Read Chapter 5 of the NTP MOP, 5th edition • Do the exercise • View the slides • Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> • Answer correctly all exercises in Module 6 • Participate in the live chat for the week where answers to the exercise using forms will be discussed, among others
Module 7 (1-2 hours)	Module 7: Management of Anti-TB Drugs and Diagnostic Supplies <ul style="list-style-type: none"> • Introduction • Objective 	<ul style="list-style-type: none"> • Read Chapter 6 of the NTP MOP, 5th edition 	<ul style="list-style-type: none"> • Answer correctly all exercises in Module 7

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
	<ul style="list-style-type: none"> • Definition of Terms <ul style="list-style-type: none"> ○ Supply chain management cycle ○ Product selection ○ Quantification ○ Procurement ○ Inventory management ○ Rational use of medicines and diagnostic supplies ○ Quality monitoring • Policies • Procedures • Calculation of Anti-TB Drugs and Diagnostic Supplies • Receiving Supplies of Medicines and Diagnostic Supplies • Storage of Drugs and Diagnostic Supplies • Maintaining Records for TB Drugs and Diagnostic Supplies • Rational Use of Anti-TB Drugs and Diagnostic Supplies 	<ul style="list-style-type: none"> • Build the glossary • Do the exercise • View the slides • Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> • Participate in the live chat for the week where answers to the exercise using forms will be discussed, among others
Week 4			
Module 8 (1-2 hours)	Module 8: TB-DOTS Referral System <ul style="list-style-type: none"> • Introduction • Objective • Definition of Terms <ul style="list-style-type: none"> ○ Referral process ○ Referring facility ○ Receiving facility ○ Referral feedback ○ Internal referral system 	<ul style="list-style-type: none"> • Read Chapter 7 of the NTP MOP, 5th edition • Do the exercise • View slides • Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> • Answer correctly the exercises for Module 8 • Participate in the live chat for the week where answers to the exercises will be discussed, among others

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
	<ul style="list-style-type: none"> ○ External referral system ● Policies ● Procedures <ul style="list-style-type: none"> ○ Hospital internal referral system ○ External TB referral system ○ Referring presumptive DR-TB cases ○ Handling TB patients previously managed outside a DOTS facility and not referred according to NTP policies and procedures ○ Modes of knowing the outcome of referral ○ Strengthening and sustaining the TB-DOTS referral system 		
Module 10 (1-2 hours)	Module 10: DOTS Certification and PhilHealth Accreditation <ul style="list-style-type: none"> ● Introduction ● Objective ● Definition of Terms <ul style="list-style-type: none"> ○ Accreditation ○ Automatic accreditation ○ Certification ○ Certified ○ Not certified ● Policies <ul style="list-style-type: none"> ○ Policies on DOTS certification ○ Policies on PhilHealth accreditation ● Procedures <ul style="list-style-type: none"> ○ Procedures on DOTS certification ○ Procedures on PhilHealth accreditation ○ Procedures on PhilHealth claims processing 	<ul style="list-style-type: none"> ● Read Chapter 9 of the NTP MOP, 5th edition ● View the slides ● Participate in the discussion forum and live chat session for the week 	<ul style="list-style-type: none"> ● Participate in the live chat for the week

Module Schedule (Estimated Hours of Study)	Module Coverage	Learning Activities	Course Requirements
Module 11 (2-3 hours)	Module 11: Monitoring, Supervision, and Evaluation <ul style="list-style-type: none"> • Introduction • Objectives • Definition of Terms <ul style="list-style-type: none"> ○ Monitoring ○ Supervision ○ Evaluation • Policies • Procedures <ul style="list-style-type: none"> ○ Monitoring and supervision ○ Evaluation • Program Indicators 	<ul style="list-style-type: none"> • Read Chapter 10 of the NTP MOP, 5th ed. • Read the additional reference material • View the slides • Do the exercise • Participate in the discussion forum and live chat 	<ul style="list-style-type: none"> • Answer correctly the exercises for Module 11 • Participate in the live chat for the week where answers to the exercise will be discussed, among others
End of Week 4: Learning Assessment and Course Evaluation			
Post-test and Course Evaluation (1 hour)	Individual Assessment of Learning and Course Evaluation	<ul style="list-style-type: none"> • Take the online post-test 	<ul style="list-style-type: none"> • Answer the online post-test; minimum post-test grade required is 75% • Accomplish and upload the course evaluation form

Course Requirements

Those who successfully complete the course will receive the same Certificate of Training on the NTP MOP, 5th ed. issued by the DOH NTP as for the conventional face-to-face course.

To pass the course and receive the training certificate, participants must answer all the exercises correctly, participate in all the discussion forums, and obtain a grade of at least 75% in the post-test. The post-test will serve as the course's final exam. Participants are also required to carefully accomplish and submit the Course Evaluation form online at the end of the course.

Graded Exercises

There will be graded exercises just like in the face-to-face NTP MOP training. Participants are required to obtain a final score of 100% for all the exercises; there is no limit to the number of times they can try to get a perfect score for each exercise. Feedback will be given after each try to facilitate learning and help participants get the correct answers.

Online Asynchronous Discussion Forums

There will be online discussion forums to discuss the modules covered for each week. The discussion forums will be asynchronous, which means that participants can post message/s and respond to each other's messages anytime within the day. In the discussion forums, everyone is expected to observe network etiquette using <http://www.albion.com/netiquette/corerules.html>. Participation in the discussion forums is required. Please refer to the "Guide to Discussion Forums."

Live Group Chat Sessions

Live group chat sessions will be scheduled each week to discuss the answers to the exercises and address pressing issues. These sessions will be conducted in real time. Although not required, participation in the chat sessions is encouraged to foster online interaction among course participants. During live chat sessions, everyone is expected to observe network etiquette described in <http://www.albion.com/netiquette/corerules.html>.

For questions, concerns, and suggestions, contact:

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