



Emergency Telecommunications Division, International Telecommunication Union

Online Self-Paced Training Course on

An introduction to Developing National Emergency Telecommunication Plans (NETPs)

1 February – 31 December 2021

TRAINING COURSE OUTLINE

COURSE DESCRIPTION

Title	An introduction to Developing National Emergency Telecommunication Plans (NETPs)
Objectives	The course is aimed at providing information on how to develop National Emergency Telecommunications Plans through a multi-stakeholder approach including all phases of disaster management.
Dates	01 February – 31 December 2021
Duration	Ongoing from 1 February to 31 December 2021
Registration deadline	Ongoing from 20 January 2021
Training fees	Free
Course code	21OS26200MUL-E

DESCRIPTION OF THE TRAINING COURSE

The purpose of this course is to provide the tools to develop National Emergency Telecommunication Plans (NETPs), tailored to the specific needs of every country and following the multi-hazard, multi-technology, multi-phase and multi-stakeholder principles. The course is expected to take approximately 4 hours to complete.

The course provides a step-by-step process to develop an NETP and specific recommendations on a broad set of topics, beginning with the description of the phases of disaster management and how telecommunication/ICT will be supported/enabled in each of these phases; coordination with the national disaster risk management plan; overall risk for telecommunication/ICT infrastructure and contingency planning; administrative structure and governance; legislations and regulations on telecommunication/ICT; international treaties and cooperation agreements; training and capacity building; among others. At the end of this e-

learning course participants should be able to develop an NETP for their country and provide recommendations on next steps to implement the Plan.

LEARNING OUTCOMES

At the end of this course, you will have the basic knowledge to develop an NETP tailored to the needs of your country, coordination challenges, and planned resiliency requirements, with an understanding of the overall risks for telecommunication/ICT infrastructure and contingency planning.

TARGET POPULATION

The target audience of the course are national authorities responsible for the development and implementation of the NETP, although it can be a useful resource for any person or organization generally involved in disaster risk management or in the administration of telecommunication and ICTs during emergencies.

ENTRY REQUIREMENTS

There are no entry requirements, this course is free and open to all.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Emergency Telecommunications Division, ITU	eetmail@itu.int

TRAINING COURSE CONTENTS

Module 1: Introduction

Timing: It will take around 40 minutes to complete this module.

The module will consist of the following:

- Course overview
- Types of disaster and statistics
- Impact on Telecommunication & Information and Communication Technology (ICT) infrastructure
- Four phases of disaster management
- Module 1 quiz

Module 2: Developing an NETP

Timing: It will take around 1 hour to complete this module.

The module will consist of the following:

- What is a National Emergency Telecommunication Plan (NETP) and why is it important?
- Principles for developing an NETP
- Content within an NETP
- NETP drafting process and periodic review
- Challenges to developing an NETP
- Recommendations for inclusion of vulnerable people in the NETP
- Module 2 quiz

Module 3: Telecommunication & ICT Legislation and Regulation for Disaster Risk Management

Timing: It will take around 1 hour to complete this module.

The module will consist of the following:

- Legal and regulatory framework
- Administrative structure and governance model
- Standard Operating Procedures (SOP)
- International cooperation and treaties
- Laws and regulations
- Module 3 quiz

Module 4: Four Phases of Disaster Risk Management

Timing: It will take around 40 minutes to complete this module.

The module will consist of the following:

- Vulnerability and risk analysis of telecommunication and ICT networks
- Monitoring, early warning and altering systems
- Common Alerting Protocol (CAP)
- Module 4 quiz

Module 5: Capacity Building, Training, Drills and Support

Timing: It will take around 30 minutes to complete this module.

The module will consist of the following:

- Importance of capacity building, training and drills
- Training Ladder
- Module 5 quiz

METHODOLOGY (Didactic approach)

This is an online self-paced training where learning is supplemented using downloadable course resources and materials that will allow the development of an NETP for their country. At the end of each module, learners can test their knowledge through a quiz. The online training consists of numerous interactive elements, case studies and module summaries throughout the course. E-mail based content and technical support is available to learners.

EVALUATION AND GRADING

Learners can put their knowledge to the test by taking a quiz after completion of each module. The quiz will only become available after completion of the associated module. Participants will receive a badge certifying successful completion if the course was passed at 60% or higher which can be used on social media or their LinkedIn profile.

TRAINING COURSE COORDINATION

Course coordinator: Name: Emergency Telecommunications Division, International Telecommunication Union Email address: eetmail@itu.int	ITU coordinator: Name: Ms. Maritza Delgado Email address: dorismaritza.delgado@itu.int
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REGISTRATION

ITU Academy portal account

Registration and payment should be made online at the ITU Academy portal. To be able to register for the course you **MUST** first create an account in the ITU Academy portal at the following address:
<https://academy.itu.int/index.php/user/register>

Training course registration

When you have an existing account or created a new account, you can register for the course online at the following link: <https://academy.itu.int/training-courses/full-catalogue/introduction-developing-national-emergency-telecommunication-plans>

You can also register by finding your desired course in our training catalogue <https://academy.itu.int/index.php/training-courses/full-catalogue>