ITU Centres of Excellence Network for Europe Region

A.S. Popov Odessa National Academy of Telecommunications (ONAT)

FACE-TO-FACE Training Course on

AUTOMATION OF BROADBAND NETWORKS DESIGNING.
SELECTING THE MOST APPROPRIATE SOLUTIONS TO BUILD NETWORK

Kostanay, Kazakhstan

November 14, 2019

COURSE OUTLINE

COURSE DESCRIPTION

Title	**Automation of broadband networks designing. Selecting the most appropriate solutions to build network**
Objectives	This training aims to introduce participants to modern methods of telecommunication network designing and the principles of it's automation. It is focused on the aspects of broadband networks designing. Automated selection of the most appropriate solutions to build network using the Broadband Calculator online tool is considered. The training will allow participants to contribute personally to the implementation and development of telecommunication networks in future.
Dates	November 14, 2019
Duration	1 day
Registration deadline	November 14, 2019
Training fees	Free
Course code	19WS24312EUR-E

LEARNING OUTCOMES

Upon completion of this training, participants will have understanding of:
- the position of telecommunications networks designing in the entire designing process;
- modern approaches to choosing the most promising solution for building telecommunications networks;
- method of choosing the most promising solution for building broadband access networks;
- automation of choosing the most promising solution for building broadband access networks

TARGET POPULATION

This training is targeted at technical staff, engineering staff of telecommunication providing companies, telecommunications and broadcasting companies. The training can also be of interest to employees of Telecommunication Authorities of countries dealing with the issues of broadband network development.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Mr. Vadim Kaptur Vice-rector for Scientific Work, PhD A.S. Popov Odessa National Academy of Telecommunications	Email: vadim.kaptur@onat.edu.ua

EVALUATION

Besides the final assignment score, participants will be evaluated according to their substantive posts on the discussion forum, active participation in sessions and other course activities, reflecting both the quantity and quality of time spent on the training.

TRAINING SCHEDULE AND CONTENTS / AGENDA

Agenda (for face-to-face courses)

Date for 1st day	Time	Topics/Activities
11/14/2019	14:00-14:10	Official opening of the workshop
	14:10-14:40	Lecture 1: Modern approaches to choosing the most suitable solution for building telecommunication networks **Vadym Kaptur**, Vice-Rector on Scientific Work, A.S. Popov ONAT, **Ukraine**
	14:40-15:10	Lecture 2: BroadbandCalculator.online: an automated system for choosing the most promising solution for building broadband networks **Vadym Kaptur**, Vice-Rector on Scientific Work, A.S. Popov ONAT, **Ukraine**
	15:10-15:30	Coffee Break
	15:30-16:00	Practical exercise using the BroadbandCalculator.online system
	16:00-16:30	Testing participants
	16:30-16:45	Summing up the workshop

METHODOLOGY

The training will include Instructor-led presentations, case studies, group exercises and assignments.

All announcements for all events (materials, quizzes and forums) will be given several days prior to the event by the training tutor.

COURSE COORDINATION

Course coordinator:	ITU coordinator:
Name: *Mr. Vladyslav Kumysh* Email address: rdd@onat.edu.ua	Name: *Mr. Jaroslaw Ponder* Email address: EURegion@itu.int

REGISTRATION AND PAYMENT

ITU Academy portal account

Registration 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?option=com_hikashop&view=user&layout=form&Itemid=559&lang=en

Training 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/automation-broadband-networks-designing-selecting-most-appropriate-solutions-build-network

You can also register by finding your desired course in our training catalogue https://academy.itu.int/index.php?option=com_joomdle&view=coursescatalogdomain&Itemid=478&lang=en