



PUBLIC ASSOCIATION DNT ACADEMY PROFILE

BACKGROUND

DNT is a not for profit organization created in 1998 on the basis of the technology and experience of the Internet Project of the Soros Foundation Moldova. The mission of the DNT is to facilitate the development of the ICT sector in Moldova, one that could boost up the economic development of the country, through professional IT trainings. We believe that training courses designed by world known vendors is the best and fastest way to access modern technologies. Partnerships with vendors allow us to provide modern forms of trainings with permanently updated content to improve the quality of IT specialists to respond to the changing requirements of technologic and business environment.

DNT management team is actively involved in initiatives aiming to develop the information society in Moldova and facilitate use of ICT in all sectors of economy.

TRAINING CENTER CAPACITIES

As of today, DNT represent training centers of four companies holding following certifications:

Cisco Systems

- Network Academy
- Instructor Training Center
- Academy Support Center

VMWare

- VMWare IT Academy

Linux Professional Institute

- Approved Academic Partner

Arduino

- Arduino Educational Partner

Our trainers have a vast experience both as engineers and trainers and conduct courses in interactive manner. Recently we have been supplying our corporate clients with training solutions tailored to their specific needs. These include onsite, instructor-led, classroom training as well as consultancy and remote support if required.

CISCO NETWORK ACADEMY

Cisco provides training in various areas - from basic skills in IT technologies through the Basics of Computer networks to advanced knowledge of design and management of large networks and information security. We prepare specialists for a range of industry certification from CCNA to CCNP. This educational program is known as the Cisco Networking Academy - NetAcad. The Cisco Academy is

also the first working e-learning program to be established in Moldova. DNT was the first Cisco Academy in Moldova and has about ten years of experience in delivering Cisco Networking courses. Our Academy was recognized by Cisco as the best local academy in the Romania+Moldova region.

CISCO INSTRUCTOR TRAINING CENTER

Cisco Networking Academy Program provides training and certification for Academy instructors. Trainees participate in a Cisco instructor certification program called the Cisco Certified Academy Instructor (CCAI) program. The CCAI program is designed to ensure that Cisco Networking Academy instructors are proficient in the Academy curriculum and teaching methods. The program utilizes the "trainer of trainers" model. Training of trainers is the capacity to be certified by Cisco, certification which gives the right to train instructors for other academies. DNT is the only Instructor Training Center in Moldova.

CISCO ACADEMY SUPPORT CENTER

Main mission of Academy Support Center is to provide support of academies within Cisco Networking Academy Program, helping academies to strive, supporting them in cooperation within NetAcad program. Our instructors are dedicated to contribute to the professional development of community activities and maintaining a platform for cooperation inside of NetAcad as well as for outside institutions.

VMWARE IT ACADEMY

VMware designed the IT Academy Program to introduce students to VMware technologies and equip them with VMware technical skills to compliment their chosen fields of study. VMware provides selected academic institutions with course materials developed by VMware. By instituting this program, VMware seeks to create a collaborative relationship with institutions whereby their students may obtain the VMware Certified Professional-DCV status and many other VMware certifications.

LINUX PROFESSIONAL INSTITUTE APPROVED ACADEMIC PARTNER

LPI Academy is a free program for accredited degree / diploma-granting academic institutions, high schools, middle schools, as well as internal government and military training programs. The LPI Academy helps successfully prepare students and employees for lucrative and productive careers in Linux and Open Source.

COURSES

CCNA

The Program includes in it a theoretical and practical course. The theoretical part is provided in English language and can be accessed on-line. The practical part of course has place at Cisco Academy Lab of DNT Association, fitted with computers and all necessary Cisco Systems equipment.

Upon course completion, the students can pass the exam for certification in **CCNA (Cisco Certified Networking Associate)** at one of specialized centers located in Chisinau. This certificate gives the opportunity of ulterior development of specialists for certification in CCNP (Cisco Certified Networking Professional), CCIE (Cisco Certified Internetwork Expert) and CCDP (Cisco Certified Design Professional).

The course, of which duration is 360 hours, is divided into 4 modules, each of which composed of 90 hours.

CCNP

The Cisco CCNP curriculum is designed for Cisco Networking Academy students seeking career oriented, enterprise-level networking skills. Target students include experienced networking professionals who are ready to advance their core routing, switching, and network troubleshooting skills and students

with Cisco CCNA-level knowledge who are enrolled in technology degree programs at institutions of higher education.

CCNP provides a next step for CCNA Discovery or CCNA Exploration students who want to build on their CCNA-level skill set to further a career in computer networking.

CCNA SECURITY

The Cisco CCNA Security course is designed for Cisco Networking Academy students seeking career-oriented, entry-level security specialist skills. Target students include IT professionals who want to enhance their core routing and switching skills and students enrolled in technology degree programs at institutions of higher education.

CCNA Security provides a next step for CCNA Discovery or CCNA Exploration students who want to expand their CCNA-level skill set to prepare for a career in network security.

VMWARE vSPHERE: OVERVIEW

This hands-on training course introduces the most compelling features of VMware vSphere® 5, which is the foundational component of the cloud infrastructure suite of software from VMware®. This course demonstrates vSphere features that help reduce your IT costs while improving efficiency, availability, scalability, flexibility, and manageability. The course is based on VMware ESXi™ 5.0 and VMware vCenter Server™ 5.0.

VMWARE vSPHERE: INSTALL, CONFIGURE, MANAGE

This hands-on training course explores installation, configuration, and management of VMware vSphere®, which consists of VMware vSphere® ESXi™ and VMware® vCenter Server™. This course is based on prerelease versions of ESXi 5.1 and vCenter Server 5.1. Completion of this course satisfies the prerequisite for taking the VMware Certified Professional 5 exam.

LINUX

The Course is modeled around LPIC-1 and LPIC-2 certification from the Linux Professional Institute, which is in the top 3 highest rated Linux certifications. It prepares students for the support of two exams required for certification LPIC-1: 101/102 and LPIC-2: 201/202

This course is designed for those who wish to acquire knowledge about Linux environments, having previously getting into the field, especially those interested in the LPIC exams.

ARDUINO

Arduino UNO is a modular STEAM program consisting of a toolbox with 26 projects and easy-to-assemble experiments, an online platform, and guided training/support for educators. The program, tailored for ages 13 to 17, has 5 modules and introduces students to the foundations of programming and basic coding, Arduino boards and digital signals, analog signals and serial communication, robotics, power systems and motors, wireless communication via Bluetooth and advanced sensors..

RELEVANT ACTIVITIES

JUNE 15 TO JULY 1, 2018

În aceasta perioadă au avut loc sesiunile de instruire a 20 formatori Arduino din cadrul instituțiilor de învățământ liceal și profesional-ethnic. Instruirea a avut loc cu suportul financiar al Proiectului de Competitivitate al USAID Moldova și s-a desfășurat în decurs de 3 sesiuni de lucru a câte 3 zile fiecare .

La absolvirea cursului formatorii au capacitatea de a :

- învăța cum să conceapă proiecte de programare, codare, robotică,

- implementa o abordare practică pentru realizarea obiectivelor de învățare definite.
- Studia și implementa procedurile de codare,
- construi proiecte complet funcționale, interactive,
- explora domeniul roboticii,
- crea primul lor dispozitiv IoT bazat pe conectivitate Bluetooth;

FEBRUARY 2 TO MARCH 25, 2018

Instruirea în cadrul programului Future Classroom a 35 profesori din cadrul școlilor și liceilor din Moldova. În cadrul trainingului profesorii au fost instruiți asupra modului de utilizare a echipamentelor permise în cadrul programului Future Classroom cu suportul USAID Moldova, fundația Orange și Centrul de Informații Universitare (CIU), integrarea acestora în procesul de instruire, prezentarea modelelor deja existente etc.

Trainingul propus este bazat pe următoarele Kit-uri de echipamente:

- Arduino starter kit with sensors;
- OzoBot: robotics kit for primary school;
- MakeyMakey: invention kit.
- Raspberry Pi 3 model B starter kit (including case and power supply)
- Sensor kits for science labs PocketLabs Voyager
- Estimote iBeacons proximity sensors/Long Range Proximity Beacons (set of 3)
- Google Home: Voice assistant for smart home kit
- Google Chromecast: wireless streaming USB device
- Matrix Creator: IoT kit for Raspberry Pi
- Gear 360: action camera
- VR Headset 3D Glasses With Remote for Android IOS iPhone Samsung
- Wi-Fi Professional Weather Station with Internet Monitoring

SEPTEMBER 19, 2016 TO JUNE 15, 2017

Cisco IT Essentials training for 12 librarians and CCNA training for 5 IT network administration for Novateca Beneficiaries.

This course covers the fundamentals of computer hardware and software, and advanced concepts such as security, networking, and the responsibilities of an IT professional. Hands-on lab activities and virtual learning tools are essential elements that are integrated into the curriculum. Students learn how to assemble and maintain a computer system, install an operating system, share resources in a networked environment, and troubleshoot using system tools and diagnostic software.

This course helps you prepare for the CompTIA A+ and CCNA certification exams.

JULY 16, 2016

Starts the sessions of Cisco IT Essentials training for 37 instructors from schools and colleges from six regions of Moldova (Chisinau, Balti, Soroca, Cahul, Cantemir and Nisporeni). The theoretical part of the training will be delivered via WebEx distance learning platform and the laboratory sessions as well as preparation for certification will take place in Chisinau in the laboratories of the DNT Cisco Academy.

Duration of the project: 3 months

The project is funded by the Chemonics International, USAID Competitiveness Project.

MAY 4 TO 5, 2016

Organizing the seminar “New Directions in IT curriculum development” for 19 people from 16 educational institutions from Moldova. During the seminar, DNT instructors present the following available IT courses: a) new ITE ver. 6.0; b) Linux Essentials; c) Internet of Things; d) Scratch; e) Code.org; f) Java for Android. The objective of the seminar was to detect new directions for development of IT trainings that would be required and interesting for students as well as enhancing school’s IT curricula. Seminar took place in the laboratories of the Public Association DNT, bd. Grigore Vieru 22/1 of.29.

The project was funded by the Chemonics International, USAID Competitiveness Project.

OCTOBER 18 2014 - FEBRUARY 8, 2015

CCENT training of 12 instructors from schools, lyceums and colleges already implemented IT Essentials course in the educational institutions they represent. Classes were held in the laboratories of the Public Association DNT, Grigore Vieru bd 22/1 of 29.

The project was funded by ATIC (Association of Private ICT Companies).

AUGUST 2013 – NOVEMBER 2013

CCENT training of 16 instructors from 15 educational institutions already implemented IT Essentials course in the educational institutions they represent. Classes were held in the Financial Banking College "A Diordita» in Chisinau.

The project was funded by Cisco Systems and USAID CEED II project.

2012-2014

With the support of USAID CEED I and CEED II projects about 140 instructors from schools and colleges of the Republic of Moldova have been trained as IT Essentials trainers. DNT Cisco Academy and Instructor Training Center was to train and support new instructors later in their activity. Also educational institutions with high potential was assisted by DNT Cisco Support Center (ASC) to become Cisco Academies. Following remarkable results of the courses and negotiations between DNT Academy, USAID CEED project and the Ministry of Education, IT Essentials course was implemented as an optional course in 40 schools in the country with the potential to be accepted in the future in the basic school curricula.

CONTACTS

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