ITU Centres of Excellence Network for Europe

Institute for Security and Safety (ISS) at the Brandenburg University of Applied Sciences

Online Self-Paced Training Course on

CYBERSECURITY TECHNIQUES

July 1 – December 31, 2019

COURSE OUTLINE

COURSE DESCRIPTION

Title	Cybersecurity Techniques
Objectives	Upon the successful completion of this course, students will be able to explain and give examples of IT and cybersecurity as well as apply and use computer and communication security measures. They will be able to utilize different intrusion detection methods and establish network management practice.
Dates	July 1 – December 31, 2019
Duration	-
Registration deadline	There are no deadlines for course registration. The course could be taken any time within indicated timeframe. An enrollment is happening continuously.
Training fees	USD 250
Course code	19OS24333EUR-E

LEARNING OUTCOMES

As a result of the course, participants will acquire:
-   knowledge of computer security elements fundamentals;
-   knowledge of computer access control;
-   knowledge of security architecture;
-   knowledge of technical measures for network and host security;
-   knowledge of network management best practices;
-   knowledge of physical protection role in computer security.

TARGET POPULATION

The course is designed to be a great value for managers, engineers and employees from regulators, government organizations, private companies and academia, who want to get further career in the cybersecurity area or need to extend their expertise with cybersecurity related topics.

EVALUATION

Evaluation of participant success will happen through the series of multiple choice quizzes. Weights will be distributed as following next:
- 30% of total grade will be the average grade for all interim quizzes;
- 70% of total grade will be the final quiz grade

METHODOLOGY

The course is self-paced online course with lecturing materials accompanied with different media. Each page of the course includes link to external sources of information, which could be used to get deeper knowledge of some particular topics.
Each course module has a self-assessment quiz.

COURSE COORDINATION

Course coordinator:	ITU coordinator:
Name: Dmytro Cherkashyn Email address: d.cherkashyn@uniss.org	Name: Lena Lattion Email address: lena.lattion@itu.int

REGISTRATION AND PAYMENT

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.

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/index.php/training-courses/full-catalogue/cybersecurity-techniques

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

Payment

1. On-line payment
A training fee of USD 250 per participant is applied for this training. Payment should be made via the online system using the link mentioned above for training registration at https://academy.itu.int/index.php/training-courses/full-catalogue/cybersecurity-techniques.

2. Payment by bank transfer
Where it is not possible to make payment via the online system, select the option for offline payment to generate an invoice using the same link as above. Download the invoice to make

a bank transfer to the ITU bank account shown below. Then send the proof of payment/copy of bank transfer slip and the invoice copy to Hcbmail@itu.int and copy the course coordinator. **All bank transaction fees must be <u>borne by the payer</u>.**
Failure to submit the above documents may result in the applicant not being registered for the training.

3. Group payment

Should you wish to pay for more than one participant using bank transfer and need one invoice for all of them, create an account as **Institutional Contact. Institutional Contacts** are users that represent an organization. Any student can request to be an institutional contact or to belong to any existing organization.

To do this, head to your profile page by clicking on the **"My account"** button in the user menu. At the bottom of this page you should see two buttons:

a. If you want to **become an institutional contact**, click on the "**Apply to be an Institutional Contact"** button. This will redirect you to a small form that will ask for the organization name. After you fill the name of the organization you want to represent, click on **"continue"** and a request will be created. An ITU Academy manager will manually review this request and accept or deny it accordingly.

If you want to **belong to an existing organization**, click on the **"Request to belong to an Institutional Contact"** button. This will redirect you to a small form that will ask you to select the organization you want to join from an organization list. After you select the correct organization, click on **"continue"**, a request will then be created. The Institutional Contact that represents that organization will manually accept or deny your request to join the organization.

ITU BANK ACCOUNT DETAILS:	
Name and Address of Bank:	UBS Switzerland AG Case postale 2600 CH 1211 Geneva 2 Switzerland
Beneficiary:	Union Internationale des Télécommunications
Account number:	240-C8108252.2 (USD)
Swift:	UBSWCHZH80A
IBAN	CH54 0024 0240 C810 8252 2
Amount:	USD 250
Payment Reference:	CoE-EUR 24333- P.40595.1.07

4. Other method of payment
If due to national regulations, there are restrictions that do not allow for payment to be made using options 1 & 2 above, please contact the ITU coordinator for further assistance.