ITU Centres of Excellence Network for Arab Region

Naif Arab University of Security Sciences (NAUSS)

Face-to-Face Training on
"Fundamentals of Cyber Security"
Riyadh-Saudi Arabia, 16-20 June 2019

COURSE OUTLINE

COURSE DESCRIPTION

Title	Cyber Security
Objectives	✓ Understand the principles of organizational security and the elements of effective security policies. ✓ Know the technologies and uses of cryptographic standards and products. ✓ Install and configure network- and host-based security technologies. ✓ Describe the standards and products used to enforce security on web and communication technologies. ✓ Describe how wireless and remote access security is enforced. ✓ Summarize application and coding vulnerabilities and identify development and deployment method designed to mitigate them.
Dates	**16-20 June 2019**
Duration	**5 Days**
Registration deadline	**30 May 2019**
Training fees	**500 USD**
Course code	**19WS24270ARB-A**

LEARNING OUTCOMES

This training aims at providing all participants with extensive insights on "Basic Cyber Security".

The main purpose of this training is to:

✓ Understand the principles of organizational security and the elements of effective security policies.

✓ Know the technologies and uses of cryptographic standards and products.

✓ Install and configure network- and host-based security technologies.

✓ Describe the standards and products used to enforce security on web and communication technologies.

✓ Describe how wireless and remote access security is enforced.

✓ Summarize application and coding vulnerabilities and identify development and deployment method designed to mitigate them.

TARGET POPULATION

This training is targeted at new to cyber security field, audit, risk, compliance, information security, government and legal professionals with a familiarity of basic Information Technology and Information Systems concepts who are interested in entering the field of cyber security and need to understand the language and principals of cyber security and how it impacts their role.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Eng. Abdulrahman Al-Daeg is Digital Investigator and Ethical Hacker. Works as a Cybersecurity Specialist.	Mn.sarkh@gmail.com Mobile : 00966504445654

EVALUATION

The assessment of the participants shall be based on the attendance and a final test. The latter will be based on QCM and Short Questions on the different parts of the course.

TRAINING SCHEDULE AND CONTENTS / AGENDA

Date for 1st day	Time; Start time	Topics/Activities
16/06/2019	08:00 - 8:30	Registration
	09:00 - 12:00	**Threats, attacks and vulnerabilities** • Indicators of Compromise • Critical security Control
Date for 2nd day	**Time; Start time**	**Topics/Activities**
17/06/2019	09:00 - 12:00	**Threats, attacks and vulnerabilities** • Security Posture Assesment Tools • Incidet Responce

Date for 3rd day	Time; Start time	Topics/Activities
18/06/2019	09:00 - 12:00	**Identity and Access Management** • Cryptography • Public Key Infrastructure • Identification and Authentication

Date for 4th day	Time; Start time	Topics/Activities
19/06/2019	09:00 - 12:00	**Identity and Access Management** • Identity and Access Services • Account Management

Date for 5th day	Time; Start time	Topics/Activities
20/06/2019	09:00 - 12:00	**Architecture and Design 1** • Secure network design • Firewall and load balancers

METHODOLOGY

The face-to-face program will include Instructor-led presentations, Case Studies, Group Exercises.

COURSE COORDINATION

TRAINING COORDINATOR:

Mr. Raed Al-Rashidi
NAUSS
Tel: + 966 11 246 34 44 ext.1077
Fax: +966 11 246 47 13
Mobile: +966 55 462 22 03
E-mail: Raed.alrashidi@nauss.edu.sa

ITU COORDINATOR:

Eng. Mustafa Al Mahdi
Programme Administrator
Arab Regional Office-ITU
Tel: +202 3537 1777
Mobile: +20114 117 75 73
Fax : +202 3537 1888
Email : mustafa-ahmed.al-mahdi@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.
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/index.php/training-courses/full-catalogue/fundamentals-cyber-security

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 500 per participant is applied for this training. Payments 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/fundamentals-cyber-security

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 borne by the payer.

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.

  b. 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 500
Payment Reference:	CoE-ARB [24270]-[WBS No. P.40592.1.09]

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.