ITU Centres of Excellence Network for Arab Region

Naif Arab University of Security Sciences (NAUSS)

Face-to-Face Training on
"Basic Cyber Security (CompTIA Security)"
Riyadh-Saudi Arabia, 29 March - 02 April 2020

COURSE OUTLINE

COURSE DESCRIPTION

Title	**Basic Cyber Security (CompTIA 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	**29 March - 02 April 2020**
Duration	**5 Days**
Registration deadline	**10 March 2020**
Training fees	**500 USD**
Course code	**20WS24270ARB-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 targets the professionals' beginners in the cyber security field, audit, risk, compliance, information security, government and legal affairs who want to learn about basic concepts of the technologies and Information systems and the cyber security, as well as those who want to understand the language and principles of the cyber security and its implication on their roles.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Eng. Mosa Sarkhi is CompTIA Cybersecurity Analyst and Cybersecurity Specialist at NAUSS	E-mail: msarkhi@nauss.edu.sa Mobile: +966504445654

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
29/03/2020	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**
30/03/2020	09:00 - 12:00	**Threats, attacks and vulnerabilities** • Security Posture Assesment Tools • Incidet Responce

Date for 3rd day	Time; Start time	Topics/Activities
31/03/2020	09:00 - 12:00	**Identity and Access Management** • Cryptography • Public Key Infrastructure • Identification and Authentication
Date for 4th day	**Time; Start time**	**Topics/Activities**
01/04/2020	09:00 - 12:00	**Identity and Access Management** • Identity and Access Services • Account Management
Date for 5th day	**Time; Start time**	**Topics/Activities**
02/04/2020	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:	**ITU 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: RAlrashidi@nauss.edu.sa	**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/basic-cyber-security-comptia-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/basic-cyber-security-comptia-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

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.