



## Course description:

The main course objective is to acquire basic knowledge in the field of cybersecurity.

## Training subjects:

- Introduction to Personal Data;
- Personal Data as a Target;
- Organizational Data;
- The Impact of Security Breach;
- The Profile of a Cyber Attacker;
- Overview of Cyberwarfare;
- Analyzing a Cyberattack;
- Security Vulnerability and Exploits;
- Types of Security Vulnerabilities;
- Types of Malware and Symptoms;
- Methods of Infiltration;

- DoS, DDos and SEO;
- The Cybersecurity Landscape;
- Protecting your Devices and Network;
- Data Maintenance;
- Strong Authentication;
- Firewall Types;
- Security Appliances;
- Detecting Attacks in Real Time;
- Detecting Malware;
- Security Best Practices;
- Botnet;
- Kill Chain;
- Behavior-Based Security;
- NetFlow and Cyberattacks;
- CSIRT;
- Security Playbook;
- Tools for Incident Prevantion and Detection;
- IDS and IPS;
- Cybersecurity Legal and Ethical Issues, Education and Careers.

**Acquired skills:**

- Understand the importance of safe on-line behaviors;
- Describe the different types of malware and attacks;
- Describe the protection strategies used organizations against attacks.

#### Minimal requirements:

- No prerequisites.

**Time:** 16h

**Data:** To be defined

**Location:** Cyber Security Training Centre of Excellence, Warsaw.