

# Information and Cyber Security Awareness

## 1. Introduction

- 1.1 What is Information?
- 1.2 Activity: Identify Information at Workplace
- 1.3 Types of Information
- 1.4 What is Information Security?
- 1.5 Risk Associated with Information

## 2. Physical and Environmental Security

- 2.1 Building Security
  - 2.1.1 Lockable Doors
  - 2.1.2 Offices
  - 2.1.3 Cabinet
  - 2.1.4 Activity: Building Security
- 2.2 Personal Belongings
- 2.3 Access Control
- 2.4 Tailgating

## 3. Personal Electronic Equipment Security

- 3.1 Laptops
- 3.2 Mobile Phones
- 3.3 Removable Media
- 3.4 Wi-Fi Security
  - 3.4.1 Activity: Wi-Fi

## **4. Electronic Data Security**

### **4.1 Passwords**

#### **4.1.1 Activity: Password**

### **4.2 Internet Safety**

#### **4.2.1 Activity: Internet Security**

### **4.3 Antivirus**

#### **4.3.1 Quick Check**

## **5. Cyber Crime Hackers and Crackers**

## **6. Email Security**

### **6.1 Activity: Email**

## **7. Spoofing**

### **7.1 Types of Spoofing**

#### **7.1.1 Email Spoofing**

#### **7.1.2 IP Spoofing**

#### **7.1.3 URL Spoofing**

#### **7.1.4 Call ID Spoofing**

### **7.2 Tips for Protection from Spoofing**

### **7.3 Quick Check**

## **8. Phishing**

### **8.1 Common Types of Phishing**

#### **8.1.1 Deactivation Scares**

#### **8.1.2 Nigerian Scams**

#### **8.1.3 Tech Support Scams**

#### **8.1.4 Save a Friend Scams**

### **8.2 Tips for Protection from Phishing**

### **8.3 Quick Check**

## **9. Other Types of Cybercrimes**

9.1 Social Engineering

9.2 Spear Phishing

9.3 CyberSquatting

## **10. Practical Examples of Malicious Mails**

### **11. Messaging Safety**

### **12. Cyber Security During Work from Home**

12.1 Securing Home WI-FI

12.2 Accessing Video Conferencing Tools

12.3 Other Security Considerations During WFH

### **13. Final Assessment**