

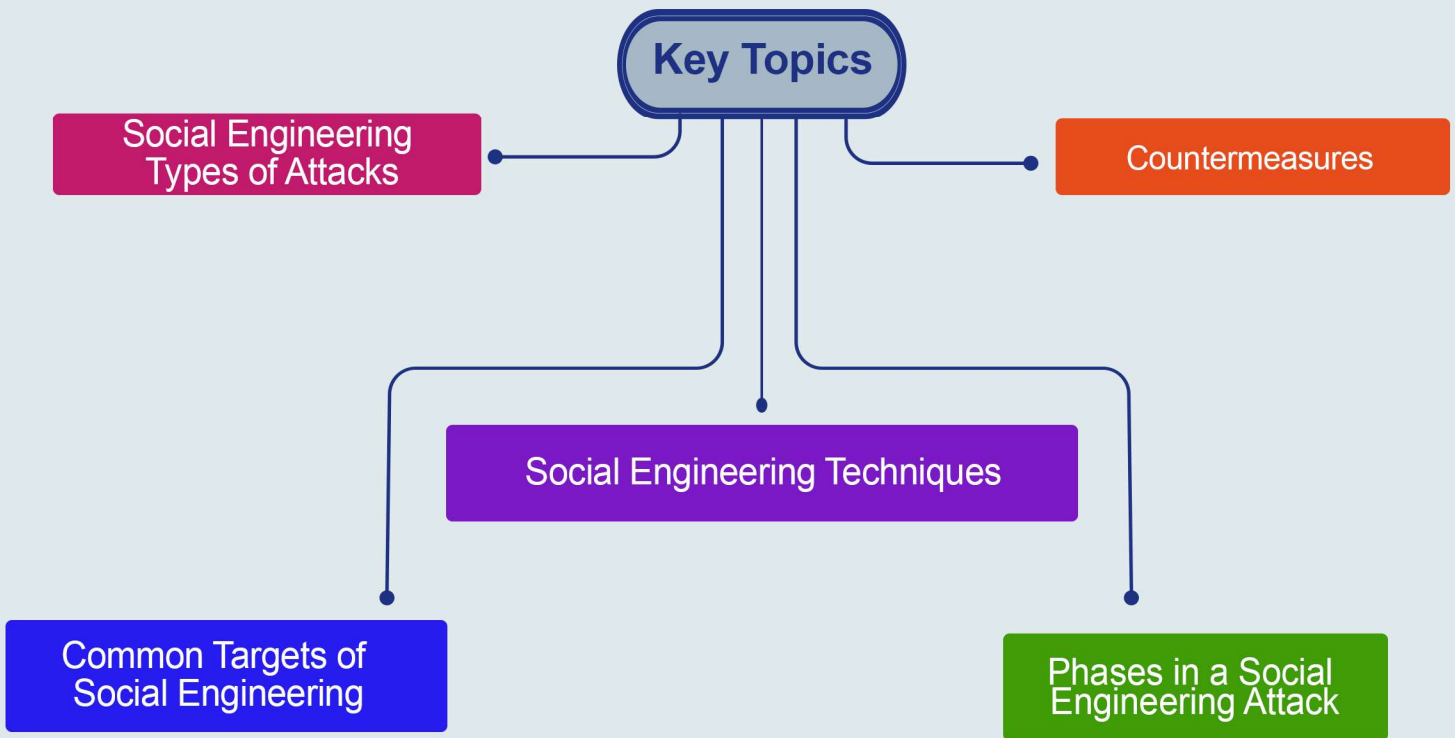
About the Course

In this course, we introduce you to key social engineering concepts, the goals of social engineering and a myriad of reconnaissance tools that will help prepare you for successful campaigns. We also about the most popular and scalable form of social engineering, phishing. We will cover how to avoid detection, limit the risk of your payloads causing issues and how to build a bespoke payload that works and looks the part of your selected snare. Following that we will introduce another powerful skill with pretexting and cover how these can be combined to get payloads running.

Learning Objectives



Key Topics



Pre Requisites

- Information Security Concepts & Principles Course

What You Will Receive



Course Presentation File



Complementary Files

Social Engineering &
Human Resource Security
eBook

Who Should Attend

- Security Specialists
- CSOs
- CISOs



Syllabus

Social Engineering Review

- o Social Engineering Concepts
- o The Psychology of Social Engineering
- o Social Engineering Goals

Common Targets of Social Engineering

- o Receptionists and help desk personnel
- o Technical support executives
- o Vendors of target organization
- o System administrators and users

Attack Approaches

- o Internet
- o Telephone
- o Personal Approaches

Social Engineering Techniques

- o Human-based (Personal Approaches)
- o Computer-based (Internet)
- o Telephone-based

Phases in a Social Engineering Attack

- o Research on target company
- o Select Target
- o Develop relationship
- o Exploit Familiarity

Syllabus



Social Engineering Types of Attacks

- o Baiting
- o Dumpster diving
- o Hoaxes
- o Impersonation
- o Malware
- o Phishing
- o Pretexting.
- o Quid Pro Quo
- o Shoulder Surfing
- o Spear Phishing
- o Tailgating
- o Vishing
- o Water-Holing
- o Whaling
- o Identity Theft



Countermeasures

- o Separation of Duties
- o Mandatory Vacations
- o Job Rotation
- o Least Privileges
- o Need to know
- o Dual Control

Hands-on Training



- Lab 1: Baiting Attack
- Lab 2: Impersonation
- Lab 3: Malware
- Lab 4: Phishing