

Understanding the OWASP® Top 10 Security Threats (SKF100)

Equip yourself to identify and address security risks, protect information & ensure online integrity.

Duration: 2 Days

Prerequisites for this course

- **Basic Knowledge of Web Technologies:** You should have a fundamental understanding of web technologies such as HTML, CSS, JavaScript, and server-side scripting languages. This knowledge will provide a foundation for understanding web application security concepts.
- **Familiarity with Web Application Architecture:** A basic understanding of how web applications are structured and function is essential. You should be familiar with concepts such as client-server architecture, HTTP protocols, and how data is transmitted between the client and server.
- **Basic Programming Skills:** While not mandatory, basic programming skills would be beneficial. Familiarity with a programming language such as Python, Java, or JavaScript will enable you to better grasp the technical aspects of web application vulnerabilities and their exploitation.
- **General Cybersecurity Awareness:** You should have a basic understanding of cybersecurity principles, including concepts such as confidentiality, integrity, and availability. Familiarity with common security terms and practices will aid in comprehending the importance of web application security.

Outline for this course

Chapter 1 – Course Introduction

Chapter 2 – Introduction to Web Application Security

Chapter 3 – Broken Access Controls

Chapter 4 – Cryptographic Failures

Chapter 5 – Injection

Chapter 6 – Insecure Design

Chapter 7 – Security Misconfiguration

Chapter 8 – Vulnerable and Outdated Components

Chapter 9 – Identification and Authentication Failures

Chapter 10 – Software and Data Integrity Failures

Chapter 11 – Security Logging and Monitoring Failures

Chapter 12 – Server-Side Request Forgery (SSRF)