

# Secure Application Development

In today's fast-paced world, development cycles for applications are often short and security is not always the top priority. The fact is that many developers are not fully aware of security issues and how to safeguard against threats. To address this void, SAI Global has developed a comprehensive online course which addresses the fact that security must be embedded in an application as it is developed.

## Course Overview

This course addresses critical application security issues such as identity management, authentication and encryption. Using a skilful mix of simulations, scenarios and assessments this interactive program will ensure that users develop an in-depth understanding of the subject matter. A series of modules divides the key issues into easily manageable sections that can be studied independently, allowing users to work at a pace that suits them.

## Target Audience

Secure Application Development has been designed specifically for architects, developers and other IT staff involved in the development and management of applications.

## Average Duration

Thanks to its modular design, duration will vary depending on job role of the individual and the modules undertaken. Average duration per module is approx. 40 minutes.

## Quick Facts

- Flexible delivery – online, offline, via intranet, network or hosted
- Fully customisable to meet your individual requirements. Incorporate your policies and procedures, tailor content to your audience groups, include your logo and branding
- Full tracking and reporting via SCORM compliant Learning Management System
- Available in multiple languages
- Engaging and interactive content
- Modular format offers a flexible approach to learning



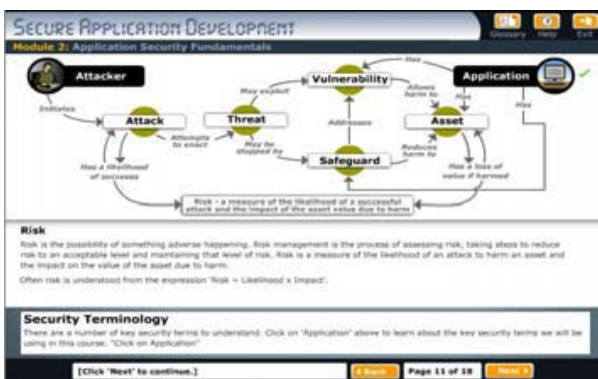
## Modules

- Introduction
- Application Security Fundamentals
- Securing the Network, Host and Application
- Secure Application Development Guidelines
- Vulnerability Detection and Prevention
- Management Primer

## Learning Objectives

Upon completion of this course, the learner will be able to:-

- Understand the objectives and principles of secure application development and how these can be applied to reduce security risks
- Understand the methodologies used by attackers
- Give an overview of common web application architecture
- Apply key components necessary for securing network, host and application
- Describe the most common application vulnerability categories and know which safeguards are required to protect applications from these
- Recognise a number of different attack scenarios that exploit applications vulnerabilities
- Know how to detect vulnerabilities in existing applications and identify appropriate safeguards
- Understand a manager's responsibilities for ensuring applications security



## Contact us for Further Information

To discuss your training requirements with one of our consultants, or to arrange an online demo, please contact us on +44 (0)1926 854111, or email us at [info.emea@saiglobal.com](mailto:info.emea@saiglobal.com). Alternatively you can visit our website at [www.saiglobal.com/compliance](http://www.saiglobal.com/compliance).