

# EC-Council Certified Application Security Engineer (CASE) .NET

Course: **00079**

Filter: **Beginner**

Duration: **3 days**

Category:: **Software Application Security**

Price: **2800,00 €**

## About Course

This 3-Day EC-Council Certified Application Security Engineer (CASE) .NET course is designed to be a hands-on, comprehensive application security training course that will help software professionals create secure applications. This CASE training course will train software developers on the critical security skills and knowledge required throughout a typical software development life cycle (SDLC). The course focuses on the importance of implementing secure methodologies and practices required in today's insecure operating environment. Plus, this course will prepare you for the EC-Council CASE .NET exam and help you achieve Certified Application Security Engineer - .NET certification. Included in your course tuition is an EC-Council exam voucher that enables you to take the exam remotely.

## What you'll learn

- Understand application security, threats, and attacks
- Gather secure requirements
- Validate input using secure coding practices
- Implement code practices for secure session management

## Pre-requisites

- This course presents secure programming concepts that apply to many different types of software development projects. Although this course focuses on .NET, you don't need to have experience in this language to benefit from this course. However,

you should have some programming experience, whether it be developing desktop, mobile, web, or cloud applications.

## **Curriculum**

### **Module 1: Understanding Application Security, Threats, and Attacks**

-

### **Module 2: Security Requirements Gathering**

-

### **Module 3: Secure Application Design and Architecture**

-

### **Module 4: Secure Coding Practices for Input Validation**

-

### **Module 5: Secure Coding Practices for Authentication and Authorization**

-

### **Module 6: Secure Coding Practices for Cryptography**

-

### **Module 7: Secure Coding Practices for Session Management**

-

### **Module 8: Secure Coding Practices for Error Handling**

-

**Module 9: Static and Dynamic Application Security Testing (SAST & DAST)**

-

**Module 10: Secure Deployment and Maintenance**

-