

## [ECSA]: EC-Council Certified Security Analyst (ECSA) v9/ Licensed Penetration Tester

Length : 5 Days  
Delivery Method : Instructor-led (Classroom)

### Course Overview

The ECSAV9 penetration testing course is designed to enhance the skills based competency of a penetration tester. This course is intensively hands-on and a tremendous amount of emphasis is placed on the practical competency of the student.

Unlike the previous version of ECSA exam, in the new ECSAv9, a student will only be allowed to challenge the ECSA exam after meeting certain eligibility requirements.

To become eligible, a student must conduct a detailed penetration test through the EC-Council iLabs Cyber range environment and submit a written report via EC-Council's ASPEN system.

Only candidates that successfully complete the penetration test in the iLabs Cyber Range environment will be allowed to challenge the ECSA exam.

You will have to conduct a penetration test of a company with various departments, various subnets, various servers, multiple operating systems with defense mechanisms with an architecture which has both a militarized and non-militarized zones.

The design of this pentesting course is such that the instructor in the class will actually take you through the core concepts of conducting a penetration test based on EC-Council published penetration testing methodology for this organization and guide you through the report writing process.

### Audience Profile

Ethical Hackers, Penetration Testers Network server administrators, Firewall Administrators, Security Testers, System Administrators and Risk Assessment professionals.

### Certification

The ECSA exam aims to test a candidate's knowledge and application of critical penetration testing methodologies.

The exam requires a candidate to perform real-world penetration testing over EC-Council's secure cyber range and to produce a penetration test report which clearly document the vulnerabilities found. This report will be graded by our professionals. Candidates that

#### AVANTUS TRAINING PTE LTD

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 068897  
Main Line: +65 6661 0888 | Fax: +65 6661 0886  
Email: [enquiries@AvantusTraining.com](mailto:enquiries@AvantusTraining.com)  
[www.AvantusTraining.com](http://www.AvantusTraining.com)

successfully submit an acceptable report will proceed on to a multiple choice exam that tests candidates' knowledge.

Candidates that successfully submit an acceptable report and the pass the multiple choice exam will be awarded the ECSA credential.

**Examination**

The ECSAv9 exam includes 2 required stages.

Report writing stage requires candidates to perform various penetration testing exercises on EC-Council's iLabs before submitting a penetration test report to EC-Council for assessment. Candidates that submit reports to the required standards will be provided with exam vouchers for the multiple choice exam.

Multiple choice exams are proctored online through the EC-Council Exam portal or VUE:

Credit Towards Certification	ECSA v9
Number of Questions	150
Passing Score	70%
Test Duration	4 Hours

From the commencement of the 5 day class and the activation of the ECSA Dashboard on ASPEN, you will have 60 days in total to submit your penetration testing report based on the challenge scenario to EC-Council, which will prove that you understand the concepts thought in the course. This is the eligibility criterion to enable you to challenge the ECSA exam.

The Final ECSA Exam is a Multiple Choice Question Exam.

**AVANTUS TRAINING PTE LTD**

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 068897

Main Line: +65 6661 0888 | Fax: +65 6661 0886

Email: [enquiries@AvantusTraining.com](mailto:enquiries@AvantusTraining.com)

[www.AvantusTraining.com](http://www.AvantusTraining.com)

**Course Outline (Core Modules)****Module 1: Security Analysis and Penetration Testing Methodologies****Module 2: TCP IP Packet Analysis****Module 3: Pre-penetration Testing Steps****Module 4: Information Gathering Methodology****Module 5: Vulnerability Analysis****Module 6: External Network Penetration Testing Methodology****Module 7: Internal Network Penetration Testing Methodology****Module 8: Firewall Penetration Testing Methodology****Module 9: IDS Penetration Testing Methodology****Module 10: Web Application Penetration Testing Methodology****Module 11: SQL Penetration Testing Methodology****Module 12: Database Penetration Testing Methodology****Module 13: Wireless Network Penetration Testing Methodology****Module 14: Mobile Devices Penetration Testing Methodology****Module 15: Cloud Penetration Testing Methodology****Module 16: Report Writing and Post Test Actions****AVANTUS TRAINING PTE LTD**

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 068897

Main Line: +65 6661 0888 | Fax: +65 6661 0886

Email: [enquiries@AvantusTraining.com](mailto:enquiries@AvantusTraining.com)[www.AvantusTraining.com](http://www.AvantusTraining.com)

**Course Outline (Self-Study Modules)**

**Module 1: Password Cracking Penetration Testing**

**Module 2: Router and Switches Penetration Testing**

**Module 3: Denial-of-Service Penetration Testing**

**Module 4: Stolen Laptop, PDAs and Cell Phones Penetration Testing**

**Module 5: Source Code Penetration Testing**

**Module 6: Physical Security Penetration Testing**

**Module 7: Surveillance Camera Penetration Testing**

**Module 8: VoIP Penetration Testing**

**Module 9: VPN Penetration Testing**

**Module 10: Virtual Machine Penetration Testing**

**Module 11: War Dialing**

**Module 12: Virus and Trojan Detection**

**Module 13: Log Management Penetration Testing**

**Module 14: File Integrity Checking**

**Module 15: Telecommunication and Broadband Communication Penetration Testing**

**Module 16: Email Security Penetration Testing**

**Module 17: Security Patches Penetration Testing**

**Module 18: Data Leakage Penetration Testing**

**Module 19: SAP Penetration Testing**

**Module 20: Standards and Compliance**

**Module 21: Information System Security Principles**

**Module 22: Information System Incident Handling and Response**

**Module 23: Information System Auditing and Certification**

***Note: Self-study modules are available in ASPEN portal***

**AVANTUS TRAINING PTE LTD**

80 Jurong East Street 21 #04-04 Devan Nair Institute Singapore 068897

Main Line: +65 6661 0888 | Fax: +65 6661 0886

Email: [enquiries@AvantusTraining.com](mailto:enquiries@AvantusTraining.com)

[www.AvantusTraining.com](http://www.AvantusTraining.com)