

Instructions for Downloading your CND Electronic Courseware, Lab Manuals, and Tools.

Step 1:

Visit: https://aspen.eccouncil.org. If you have an account already, skip to **Step 4**.

Step 2:

Click Register and fill out the registration form. Click the Register button.

Step 3:

Using the email you provided in **Step 2**, follow the instructions in the auto-generated email to activate your EC-Council Aspen Portal account.

Step 4:

Login using your Username and Password.

Step 5:

Once successfully logged in, click eBooks icon under the Learning Resources section. It will open the Academia page.

Step 6:

Enter the access code below in the Access Code field and click the Submit button.

Step 7:

If your Access Code is valid, scroll down and you will be able to view instructions on how to access the Electronic Courseware, Lab Manuals, and Tools.

Support:

E-mail support is available at academia@eccouncil.org.

System Requirements:

The Academia page contains details about system requirements and how to download the e-courseware.

Instructions to Download Digital Copy of your Class Certificate of Attendance



- Step 1: Complete the official training.
- Step 2: Visit: https://aspen.eccouncil.org. If you have an account already, skip to Step 5.
- Step 3: Click Register and fill out the registration form. Click the Register button.
- **Step 4**: Using the email you provided in **Step 3**, follow the instructions in the auto-generated email to activate your EC-Council Aspen Portal account.
- Step 5: Login using your Username and Password.
- Step 6: Click the Class Eval icon in the Student Services section.
- Step 7: Enter the Evaluation Code (see the code below) in the Evaluation Code field and click the Submit.
- Step 8: Fill in the Course Evaluation Form. *Note: All fields on this form are mandatory. Click the Submit Classroom Evaluation button.
- Step 9: On the Course Evaluation Submission page, click the Download Certificate of Attendance button to download your certificate of attendance.

Evaluation Code: *CND-*********

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If you have any issues, please contact support@eccouncil.org.

Foreword

The computer network has become more and more complex over the past few years and so has the threats to its security. The Certified Network Defender (CND) course has focused on helping the administrator to understand how to effectively deal with such issues that challenge the security of a network.

This course presents a defensive stand to network security. It enhances the skills of a network administrator so as to analyze the internal and external network security threats, how to proactively minimize their effect by developing necessary security policies, designing a defense strategy, implementing the security mechanisms, and by responding to security incidents in a timely manner.

The course covers all major domains in such a manner that the reader will be able to appreciate the way network security mechanisms have evolved over time; as well as gain insight into the fundamental workings relevant to each domain. It is a blend of academic and practical wisdom, supplemented with tools that the reader can readily access and obtain a hands-on experience. The emphasis is on understanding various network security elements, updating the already deployed security mechanisms, spotting any known or possible vulnerabilities, and hardening security implementations using various tools. You will read about the defense mechanisms that are most widely used such as the firewalls, IDS, digital signatures, the secure configuration of various every-day applications, and a comprehensive set of policies that are to be enforced in the network to secure it from network breaches.

This courseware is a resource material. Any network administrator can tell you that there is no one straight methodology or sequence of steps that you can follow while securing a network. There is no one template that can meet all your needs. Your network defense strategy varies with the type of network, the security mechanisms you chose to deploy, and the resources at your disposal. However, for each stage you choose, be it training your staff on security awareness, identifying network threats, implementing packet filtering, deploying a honeypot, troubleshooting the network, configuring a digital signature, securing wireless networks, you will find something in this courseware that you can definitely use.

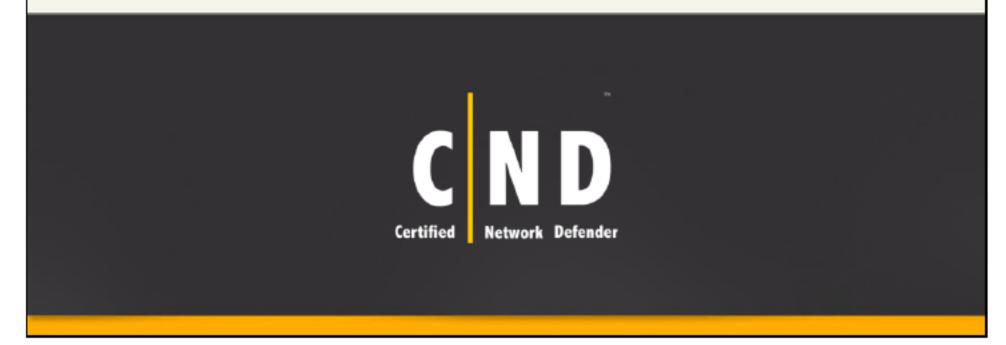
Finally, this is not the end. This courseware is to be considered as a 'work-in-progress', as it is updated by adding value to it over time. You may find some aspects detailed, while others may be in brief. The yardstick that is used in this respect is simple- "does the content explain the point at hand?" It would be great to hear the views of the reader with respect to viewpoints and suggestions. You can send your feedback so that this courseware can be a more useful one.

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Welcome to Certified Network Defender Class!

Student Introduction



Certified Network Defender

Module 00: Welcome to Certified Network Defender Class!

Exam 312-38

