



Real Training. Real Practice. Real Results.

## Certified Network Defender (CND)

### Training Program

Certified Network Defender (CND) is a vendor-neutral, hands-on, instructor-led comprehensive network security certification training program. It is a skills-based, lab intensive program based on a job-task analysis and cybersecurity education framework presented by the National Initiative of Cybersecurity Education (NICE). The course has also been mapped to global job roles and responsibilities and the Department of Defense (DoD) job roles for system/network administrators. The course is designed and developed after extensive market research and surveys.

The program prepares network administrators on network security technologies and operations to attain Defense-in-Depth network security preparedness. It covers the protect, detect and respond approach to

network security. The course contains hands-on labs, based on major network security tools and techniques which will provide network administrators real world expertise on current network security technologies and operations.

You will learn how to protect, detect and respond to the network attacks. You will learn network defense fundamentals, the application of network security controls, protocols, perimeter appliances, secure IDS, VPN and firewall configuration. You will then learn the intricacies of network traffic signature, analysis and vulnerability scanning which will help you when you design greater network security policies and successful incident response plans. These skills will help you foster resiliency and continuity of operations during attacks.

### Learning Objectives

- **Module 01:** Computer Network and Defense Fundamentals.
- **Module 02:** Network Security Threats, Vulnerabilities, and Attacks.
- **Module 03:** Network Security Controls, Protocols, and Devices.
- **Module 04:** Network Security Policy Design and Implementation.





## Course Features

- Live instructor-led training in modern classrooms
- Hands-on labs
- 24 x 7 access to the real labs in classrooms and remotely
- 100% latest material & all practice questions
- Confidence building hands-on training in Agile Teams and Groups
- Classroom located in Reston & conveniently accessible from Silver Line Metro
- Authorized Pearson VUE testing at same location to help you complete your exam
- Study material, notes, videos and practice questions included in course price



## Course Schedule

| Session | Topics   |
|---------|--|
| 1       | <ul style="list-style-type: none"> <li>• Computer Network and Defense Fundamentals</li> <li>• Network Security Threats, Vulnerabilities, and Attacks</li> <li>• Network Security Controls, Protocols, and Devices</li> </ul> |
| 2       | <ul style="list-style-type: none"> <li>• Network Security Policy Design and Implementation</li> <li>• Physical Security</li> <li>• Host Security</li> </ul>  |
| 3       | <ul style="list-style-type: none"> <li>• Secure Firewall Configuration and Management</li> <li>• Secure IDS Configuration and Management</li> <li>• Secure VPN Configuration and Management</li> </ul>                       |
| 4       | <ul style="list-style-type: none"> <li>• Wireless Network Defense</li> <li>• Network Traffic Monitoring and Analysis</li> <li>• Network Risk and Vulnerability Management</li> </ul>   |
| 5       | <ul style="list-style-type: none"> <li>• Data Backup and Recovery</li> <li>• Network Incident Response and Management</li> <li>• Review</li> </ul>   |



## Our guarantee

If you do not achieve a passing score on your first attempt at the exam within 30 days of completing the class, you will have the option to re-take the entire training course at no additional charge.

For more information about our courses, pricing, or consultation, please call (571) 577-7890 OR (703) 554-3827

Or email [info@intellectualpoint.com](mailto:info@intellectualpoint.com)

Payments are accepted via cash, check, or credit card. Ask us about group discounts!



## Enroll

**Online:** [www.intellectualpoint.com/student-register.php](http://www.intellectualpoint.com/student-register.php)

**Office:** Saturday–Thursday • 9AM–5 PM  
 Sunset Hills Professional Center  
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