



CAST 614 – Advanced Network Defense

Course Description

CAST 614 is an advanced course offering you the opportunity to deep dive into the crucial practical aspects of enterprise network security.

It covers fundamental areas of fortifying your defenses by discovering methods of developing a secure baseline and how to harden your enterprise architecture from the most advanced attacks. Once a strategy for a fortified perimeter is denied, the course moves on to defending against the sophisticated malware that is on the rise today, and the importance of live memory analysis and real time monitoring.

Course Outline

- Firewalls
- Advanced Filtering
- Firewall Configuration
- Hardening: Establishing a Secure Baseline
- Intrusion Detection and Prevention
- Protecting Web Applications
- Memory Analysis
- Endpoint Protection
- Securing an Enterprise

Key Outcomes

- Stage a strong defense against popular security threats
- Fortify your organization with a good foundation of risk protection methods
- Apply latest references and guidance on best practices in the field of cybersecurity
- Secure your enterprise architecture from a medium threat level and build towards more sophisticated threats

Exam Information

- Exam Title: CAST 614 - Advanced Network Defense
- Number of Questions: 50 (Written) and 10 (Practical)
- Duration: 90 minutes (Written) and 60 minutes (Practical)
- Availability: ECC Exam Portal
- Passing Score: Written Exam (60%) and Practical Exam (70%)