

# FOCAL POINT - BEHAVIORAL MALWARE ANALYSIS

Course Code: 100221

Learn the fundamental skills necessary to analyze malicious software from a behavioral perspective.

Behavioral Malware Analysis teaches students the fundamental skills necessary to analyze malicious software from a behavioral perspective. From simple key loggers to massive botnets, this class covers a wide variety of current threats. Using system monitoring tools and analytic software, students will analyze real-world malware samples in a training environment, giving them hands-on experience building secure lab environments, classifying malware, analyzing behavioral characteristics and their effects to systems, and documenting findings.

## What You'll Learn

- Set up a secure lab environment in which to analyze malicious software
- Build and maintain a toolset of freely available, trusted tools
- Classify different types of malware and describe their capabilities
- Analyze malware samples of varying types to ascertain their specific behavioral characteristics and their impact on a system
- Determine if a given sample is persistent and, if so, identify and remediate the persistence mechanism(s)
- Identify when a sample is aware of its virtual environment and will require more advanced static or dynamic analysis

## Who Needs to Attend

- Threat operation analysts seeking a better understanding of malware
- Incident responders who need to quickly address a system security breach
- Forensic investigators who need to identify malicious software
- Individuals who have experimented with malware analysis and want to expand their malware analysis techniques and methodologies

## Prerequisites

- Thorough understanding of Microsoft Windows
- Experience with VMWare software although not required would be beneficial
- Knowledge of networking protocols and Wireshark filtering is recommended but not required

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

Date created: 5/11/2025 8:18:01 AM

Copyright © 2025 Global Knowledge Training LLC. All Rights Reserved.