

Malware Analysis Fundamentals (Intermediate) Course (Self-Paced)

Learn both static analysis (examining files without running them) and dynamic analysis (interpreting behavior from sandbox and monitoring reports), and build the judgment to know which technique fits each situation. Following NIST SP 800-83 Rev. 1, the course works in the real tools analysts rely on—disassemblers, sandboxes, YARA, network capture, and CISA's Malware Next-Gen—with a federal thread on sample sensitivity and data handling throughout.

Group classes in Live Online and onsite training is available for this course. For more information, email onsite@graduateschool.edu or visit: <https://www.graduateschool.edu/courses/intermediate-malware-analysis-fundamentals-self-paced>



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Course Outline

- Module 1
- Foundations & Isolated Analysis Environments
- Module 2
- Static Analysis Fundamentals
- Module 3
- Static Analysis: Disassembly & Code-Level Review
- Module 4
- Dynamic Analysis Fundamentals — via example reports, no lab
- Module 5
- Network & Behavioral Analysis
- Module 6
- Toolkits & Federal Analysis Platforms
- Module 7
- Reporting, MARs & Best Practices
- Module 8
- Capstone Analysis Exercise & Program Development