# black hat® BRIEFINGS & TRAINING USA 2011 training matrix

| course name (CATEGORY) | auditing & assessment | application security & development | certification | cryptography | forensics | hardware | malware analysis | managerial/policy | network | physical security | reverse engineering | system administration | virtualization | vulnerability & exploit development |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Adv. MΩalware Analysis by MANDIANT | | | | | | | x | | | | | | | |
| Adv. Malware Deobfuscation by Bixtor Technologies | | | | | | | x | | | | | | | |
| Adv. Memory Forensics in Incident Response by Jamie Butler & Peter Silberman | | | | | x | | | | | | | | | x |
| Adv. Vulnerability Scanning Techniques Using Nessus by Paul Asadoorian, Tenable Network Security | x | | | | | | | | | | | | | |
| Adv. Windows Exploitation Techniques by Offensive Security | | | x | | | | | | | | | | | x |
| Application Security: For Hackers and Developers by Jared De Mott, Crucial | | x | | | | | | | | | | | | x |
| Assessing and Exploiting Web Applications with Samurai-WTF by Justin Searle & Kevin Johnson | x | | | | | | | | | | | | | |
| Building, Attacking a Defending SCADA Systems in the Age of Stuxnet by Tom Parker | x | | | | | x | | | x | | | | | |
| Building A Better Mousetrap by Rohit Dhamankar & Rob King | | | | | | | x | | x | | | | | |
| CISSP Boot Camp by Logical Security-Shon Harris | | | x | | | | | | | | | | | |
| CNSS-4012 Senior System Manager/CNSS-4015 System Certifier Combination Course by IA2 | | | x | | | | | | | | | | | |
| CNSS-4016 Risk Analyst by IA2 | | | x | | | | | | | | | | | |
| Cyber Network Defense Bootcamp by Adam Meyers | | | | | | | x | x | x | | | | | |
| Designing Secure Protocols and Intercepting Secure Communications by Moxie Marlinspike | | | | x | | | | | x | | | | | |
| Detecting & Mitigating Attacks Using Network Infrastructure by Cisco | | | | | | | | | x | | | | | |
| Digital Intelligence Gathering Using Maltego by Paterva | x | | | | | | | | | | | | | |
| Effective Fuzzing: Using the Peach Fuzzing Platform by Michael Eddington | x | x | | | | | | | | | | | | x |
| Enterprise Security from Day 1 to Completion by Chris Conacher | x | | | | | | x | | | | | | | |
| Exploit Laboratory By Saumil Shah | x | | | | | | | | | | | | | x |
| Exploit Laboratory: Black Belt Edition by Saumil Shah | x | | | | | | | | | | | | | x |
| Hacking and Securing Oracle (Crash Course) by Alexander Kornbrust & Sumit Siddharth | x | | | | | | | | | | | | | |
| Hacking By Numbers: BlackOps Edition by Sensepost | x | | | | | | | | | | | | | |
| Hacking By Numbers: Bootcamp by Sensepost | x | | | | | | | | | | | | | |
| Hacking by Numbers: Cadet by Sensepost | x | | | | | | | | | | | | | |
| Hacking By Numbers: Combat by Sensepost | x | | | | | | | | | | | | | |
| Hacking by Numbers: Unplugged by Sensepost | | | | | | | | | x | | | | | |
| Hacking by Numbers: W^3 by Sensepost | x | x | | | | | | | | | | | | |
| Hands-On Hardware Hacking & Reverse Engineering Techniques by Joe Grand | | | | | | x | | | | | x | | | |
| IDA Pro Class: Reverse Engineering with IDA Pro by Chris Eagle | | | | | | | | | | | x | | | |
| Incident Response: Black Hat Edition by MANDIANT | | | | | x | | | x | x | | | x | | |
| Infrastructure Attacktecs & Defentecs: Hacking Cisco Networks by Steve Dugan | | | | | | | | | x | | | | | |
| Introduction to Malware Analysis by Bixtor Technologies | | | | | | | x | | | | | | | |
| Macsploitation by Vincenzo Iozzo & Dino Dai Zovi | x | x | | | | | | | | | | | | |
| Malware Analysis: Black Hat Edition by MANDIANT | | | | | | | x | | | | x | | | |
| Mobile Hacking by HotWAN | x | | | | | | | | | | | | | |
| Offensive Countermeasures: Defensive Tactics that Actually Work by PaulDotCom | x | | | | | | | | x | | | x | | |
| Pentesting with BackTrack by Offensive Security | x | | | | | | | | | | | | | |
| Pentesting with Perl by Joshua Abraham | x | | | | | | | | | | | | | |
| Physical Penetration Testing: Advanced by The CORE Group | | | | | | | | | | x | | | | |
| Physical Penetration Testing: Introduction by The CORE Group | | | | | | | | | | x | | | | |
| Real World Pen Testing by Veris Group | x | | | | | | | | | | | | | |
| Real World Security: Attack, Defend, Repel by Peak Security | x | | | | | | | | x | | | x | | |
| RSA Cryptosystems:by Andrew Lindel | | | | xl | | | | | | | | | | |
| SAP Security In-Depth by Onapsis | x | x | | | | | | | | | | | | |
| The Shellcode Lab by Ty Miller | | | | | | | | | | | | | | x |
| Symmetric Cryptography by Andrew Lindell | | | | x | | | | | | | | | | |
| Tactical Exploitation by Val Smith | x | | | | | | | | x | | | | | |
| Tampering with Security Seals by The CORE Group | | | | | | | | | | x | | | | |
| TCP/IP Weapons School 3.0 by Richard Bejtlich | x | | | | | | | | | | | | | |
| Ultimate Hacking: Black Hat Edition by Foundstone | x | | | | | | | | | | | | | |
| Ultimate Hacking: Wireless Edition by Foundstone | | | | | | | | | x | | | | | |
| Virtualization for Incident Responders by MethodVue | | | | | x | | | | | | | | x | |
| Web App Hacker's Handbook by Dafydd Stuttard & Marcus Pinto | x | x | | | | | | | | | | | | |
| Web Application (in)Security by John Heasman & Daniel Martin | x | x | | | | | | | | | | | | |
| Web Security by Elie Burszstein | x | x | | | | | | | | | | | | |
| Windows Physical Memory Acquisition & Analysis by Matthieu Suiche | | | | | x | | | | | | | | | |