SANS OFFENSIVE OPERATIONS

Course	Red Teamer	Purple Teamer	Application Pen Tester	Network & Web Pen Tester	Vulnerability Researcher & Exploit Developer	Mobile Security Manager
SEC460 Enterprise and Cloud | Threat and Vulnerability Assessment GIAC Enterprise Vulnerability Assessor (GEVA)	●			●		
SEC504 Hacker Tools, Techniques and Incident Handling GIAC Certified Incident Handler (GCIH)	●	●	●	●	●	●
SEC542 Web App Penetration Testing and Ethical Hacking GIAC Web Application Penetration Tester (GWAPT)			●	●		
SEC550 Cyber Deception – Attack Detection, Disruption and Active Defence	●			●		
SEC560 Enterprise Penetration Testing GIAC Penetration Tester (GPEN)	●		●	●	●	
SEC565 Red Team Operations and Adversary Emulation	●	●		●		
SEC575 Mobile Device Security and Ethical Hacking GIAC Mobile Device Security Analyst (GMOB)						●
SEC588 Cloud Penetration Testing GIAC Cloud Penetration Tester (GCPN)			●	●		
SEC599 Defeating Advanced Adversaries – Purple Team Tactics & Kill Chain Defences GIAC Defending Advanced Threats (GDAT)		●				
SEC617 Wireless Penetration Testing and Ethical Hacking GIAC Assessing and Auditing Wireless Networks (GAWN)						●
SEC660 Advanced Penetration Testing, Exploit Writing, and Ethical Hacking GIAC Exploit Researcher and Advanced Penetration Tester (GXPN)	●				●	
SEC699 Purple Team Tactics – Adversary Emulation for Breach Prevention & Detection		●				
SEC760 Advanced Exploit Development for Penetration Testers					●	

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