

AGIT **IGNITE™**

ETHICAL HACKING &  
ADVANCED SECURITY

MASTER ADVANCED SKILLS. HACK ETHICALLY. DEFEND CONFIDENTLY.

20-WEEK PRACTICAL PATHWAY TO BECOME A CERTIFIED ETHICAL HACKER





20 WEEKS  
INTENSIVE  
PROGRAM



FACE-TO-FACE  
TRAINING



HANDS-ON  
PRACTICAL LABS



ADVANCED  
SECURITY SKILLS



INDUSTRY-RELEVANT  
CERTIFICATION PATH

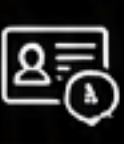
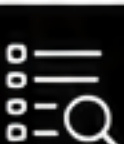
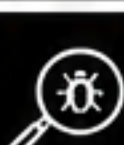
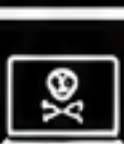
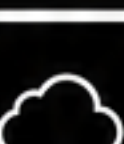
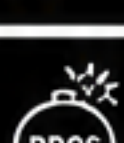
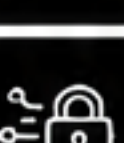


CAREER-FOCUSED  
LEARNING



PERTH  
CAMPUS

OUR 20-WEEK PROGRAM ROADMAP

|                          |                                                                                     |                                                                                                                                                                                                                                                                            |                          |                                                                                       |                                                                                                                                                                                                                                                    |
|--------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MODULE<br/>01</div> |    | <div>Introduction to Ethical Hacking</div> <div>Learn the fundamentals and key issues in information security, including the basics of ethical hacking, information security controls, relevant laws, and standard procedures.</div>                                       | <div>MODULE<br/>11</div> |    | <div>Session Hijacking</div> <div>Learn the various session-hijacking techniques used to discover network-level session management, authentication, authorization, and cryptographic weaknesses and associated countermeasures.</div>              |
| <div>MODULE<br/>02</div> |  | <div>Footprinting and Reconnaissance</div> <div>Learn how to use the latest techniques and tools for footprinting and reconnaissance, a critical pre-attack phase of ethical hacking.</div>                                                                                | <div>MODULE<br/>12</div> |  | <div>Evading IDS, Firewalls, and Honeypots</div> <div>Learn about firewalls, intrusion detection systems (IDS), and honeypot evasion techniques; the tools used to audit a network perimeter for weaknesses; and countermeasures.</div>            |
| <div>MODULE<br/>03</div> |  | <div>Scanning Networks</div> <div>Learn different network scanning techniques and countermeasures.</div>                                                                                                                                                                   | <div>MODULE<br/>13</div> |  | <div>Hacking Web Servers</div> <div>Learn about web server attacks, including a comprehensive attack methodology used to audit vulnerabilities in web server infrastructures and countermeasures.</div>                                            |
| <div>MODULE<br/>04</div> |  | <div>Enumeration</div> <div>Learn various enumeration techniques, including Border Gateway Protocol (BGP) and Network File Sharing (NFS) exploits and associated countermeasures.</div>                                                                                    | <div>MODULE<br/>14</div> |  | <div>Hacking Web Applications</div> <div>Learn about web application attacks, including a comprehensive hacking methodology for auditing vulnerabilities in web applications and countermeasures.</div>                                            |
| <div>MODULE<br/>05</div> |  | <div>Vulnerability Analysis</div> <div>Learn how to identify security loopholes in a target organization's network, communication infrastructure, and end systems. Different types of vulnerability assessment and vulnerability assessment tools are also included.</div> | <div>MODULE<br/>15</div> |  | <div>SQL Injection</div> <div>Learn about SQL injection attack techniques, evasion techniques, and SQL injection countermeasures.</div>                                                                                                            |
| <div>MODULE<br/>06</div> |  | <div>System Hacking</div> <div>Learn about the various system hacking methodologies used to discover system and network vulnerabilities, including steganography, steganalysis attacks, and how to cover tracks.</div>                                                     | <div>MODULE<br/>16</div> |  | <div>Hacking Wireless Networks</div> <div>Learn about different types of encryption, threats, hacking methodologies, hacking tools, security tools, and countermeasures for wireless networks.</div>                                               |
| <div>MODULE<br/>07</div> |  | <div>Malware Threats</div> <div>Learn about different types of malware (Trojan, viruses, worms, etc.), APT and fileless malware, malware analysis procedures, and malware countermeasures.</div>                                                                           | <div>MODULE<br/>17</div> |  | <div>Hacking Mobile Platforms</div> <div>Learn mobile platform attack vectors, Android and iOS hacking, mobile device management, mobile security guidelines, and security tools.</div>                                                            |
| <div>MODULE<br/>08</div> |  | <div>Sniffing</div> <div>Learn about packet sniffing techniques and their uses for discovering network vulnerabilities, plus countermeasures to defend against sniffing attacks.</div>                                                                                     | <div>MODULE<br/>18</div> |  | <div>IoT Hacking</div> <div>Learn different types of Internet of Things (IoT) and operational technology (OT) attacks, hacking methodologies, hacking tools, and countermeasures.</div>                                                            |
| <div>MODULE<br/>09</div> |  | <div>Social Engineering</div> <div>Learn social engineering concepts and techniques, including how to identify theft attempts, audit human-level vulnerabilities, and suggest social engineering countermeasures.</div>                                                    | <div>MODULE<br/>19</div> |  | <div>Cloud Computing</div> <div>Learn different cloud computing concepts, such as container technologies and serverless computing, various cloud computing threats, attacks, hacking methodologies, and cloud security techniques and tools.</div> |
| <div>MODULE<br/>10</div> |  | <div>Denial-of-Service</div> <div>Learn about different Denial of Service (DoS) and Distributed DoS (DDoS) attack techniques, plus the tools used to audit a target and devise DoS and DDoS countermeasures and protections.</div>                                         | <div>MODULE<br/>20</div> |  | <div>Cryptography</div> <div>Learn about encryption algorithms, cryptography tools, Public Key Infrastructure (PKI), email encryption, disk encryption, cryptography attacks, and cryptanalysis tools.</div>                                       |

WHY CHOOSE AGIT IGNITE™?

✓ Practical instructor-led training

✓ Real-world hacking labs

✓ Industry-relevant curriculum

✓ Learn from experienced professionals

✓ Career guidance and support

✓ Small class sizes

✓ Hands-on, practice-focused learning

WHAT YOU'LL LEARN

✓ Advanced ethical hacking techniques

✓ Network & system penetration testing

✓ Web & application hacking

✓ Wireless, mobile & IoT security

✓ Cloud security essentials

✓ Threat analysis & countermeasures

✓ Prepare for CeH certification path

WHO IS IT FOR?

Ideal for:

• IT & security professionals

• System administrators

• Network engineers

• Developers

• Students & graduates

• Anyone looking to build a career in cyber security

Basic IT knowledge is recommended.

CAREER OPPORTUNITIES

✓ Ethical Hacker

✓ Penetration Tester

✓ Security Analyst

✓ Security Consultant

✓ Network Security Engineer

✓ Application Security Tester

✓ Cyber Security Specialist

✓ SOC Analyst

✓ Red Team Operator

SKILLS YOU WILL GAIN

Network Penetration Testing

Web Application Security

Malware Analysis

Wireless & Mobile Security

Cloud Security

Threat Hunting

Incident Response

**Disclaimer:** AGIT IGNITE™ is a non-accredited professional development program and does not lead to an Australian Qualifications Framework (AQF) qualification.

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