

<b>Course Title</b>	Cyber Security Analyst Fast Track online course delivered via ( <b>7 online/remote sessions on 3 Saturdays and 4 Sundays</b> ).
<b>Course Introduction</b>	This is an introductory course to the fast-growing field of Cyber Security leading to job opportunities in Cyber Security Operations and Security Operations Center (SOC). The course will provide reference materials and practice sessions.
<b>Facilitators</b>	Day 1/3/5 Trainer is <b>Olawest.</b> <a href="https://www.linkedin.com/in/olawest">https://www.linkedin.com/in/olawest</a> Day 2/4 Trainer is <b>Ola Obisesan</b> <a href="http://www.linkedin.com/in/ola-obisesan-cissp-ccsp-aws-ccs-b20743148/">www.linkedin.com/in/ola-obisesan-cissp-ccsp-aws-ccs-b20743148/</a> Day 6/7 Trainer is <b>Chuka.</b> <a href="http://www.linkedin.com/in/chuka-victor-ngadaonye-cissp-ceh-296370123/">www.linkedin.com/in/chuka-victor-ngadaonye-cissp-ceh-296370123/</a>
<b>Course Outline</b>	<p><b>Day 1 [Saturday, Nov 4th, 2023; Time: 10AM to 2PM ]</b></p> <ul style="list-style-type: none"> <li>- Introduction to Cyber Security principles, encoding, encryption, hashing</li> <li>- Introduction to Vulnerability Assessments/Penetration Testing</li> <li>- Overview of Cloud Computing</li> </ul> <p><b>Day 2 [Saturday, Nov 11th, 2023; Time: 10AM to 2PM ]</b></p> <ul style="list-style-type: none"> <li>- <b>AWS Security Basics:</b> Security of AWS, Security in AWS, Shared Responsibility Model</li> <li>- <b>AWS Infrastructure Security:</b> VPC Security, VPC FlowLogs, VPC Endpoints, VPN and Direct Connect security, NAT Instances vs NAT Gateways, Bastion Hosts, EC2 Security, ELB, WAF, Shield, AWS Security Best Practices</li> <li>- <b>AWS IAM, S3, CloudFront:</b> IAM policies, S3 bucket policies &amp; ACLs, S3 Cross Region Replication, Custom SSL Certificates with CloudFront, S3 Presigned URLs</li> <li>- <b>AWS Monitoring, Alerting, Auditing:</b> AWS Config, CloudTrail, Inspector, Cloud HSM, GuardDuty</li> <li>- <b>AWS Data Security:</b> Certificate Manager, Data in Transit, Data at Rest, KMS</li> </ul> <p><b>Day 3 [Sunday, Nov 12th, 2023; Time: 6PM to 10PM ]</b></p> <ul style="list-style-type: none"> <li>- Vulnerability Assessments of On-Prem/Cloud assets - NMap, Nessus, Rapid 7 Nexpose, Qualys</li> <li>- Overview of PCI DSS and related technologies</li> </ul> <p><b>Day 4 [Saturday, Nov 18th, 2023; Time: 10AM to 2PM ]</b></p> <ul style="list-style-type: none"> <li>- <b>Azure Security Basics:</b> Security of Azure/in Azure, Azure Security Center, Share Responsibility Model</li> <li>- <b>Azure Infrastructure Security:</b> Securing Virtual Network with NSG, Network security best practices</li> <li>- <b>Azure IAM:</b> Azure Active Directory, Federated Identity and SSO, MFA</li> <li>- <b>Azure Data Security:</b> Virtual machine encryption, Anti-malware, Key Vault</li> <li>- <b>Azure Security Center</b></li> </ul> <p><b>Day 5 [Sunday, Nov 19th, 2023; Time: 6PM to 10PM]</b></p> <ul style="list-style-type: none"> <li>- OWASP Top 10</li> <li>- Web Applications Security Assessment using Acunetix, Netsparker, Qualys WAS</li> <li>- Securing Content Management Systems (CMS) based Websites (WordPress, Joomla)</li> <li>- Introduction to DevSecOps.</li> </ul> <p><b>Day 6 [Sunday, Nov 26th, 2023; Time: 6PM to 10PM ]</b></p> <ul style="list-style-type: none"> <li>- Security Operations (SecOps) Review</li> <li>- Security Incidents Response/Management (On-premise and Cloud)</li> <li>- Review of Incidents Response Playbooks</li> </ul> <p><b>Day 7 [Sunday, Dec 3rd, 2023; Time: 6PM to 10PM ]</b></p> <ul style="list-style-type: none"> <li>- Review of Cyber Kill Chain and ATT&amp;CK MITRE frameworks</li> <li>- Review of typical incidents: phishing emails, malware attacks</li> <li>- Review of digital forensics</li> <li>- Review of frequently asked interview questions and job specifications</li> </ul>
<b>Recommended</b>	Anyone that desire a career change into Technical Cyber Security. Anyone desiring work in Cyber Security Operations (SecOps) and Security Operations Center (SOC).

<b>For</b>	Anyone that desire a deeper knowledge of how to assess IT systems for vulnerabilities.
<b>Recommended certifications</b>	<p>           CiSMP (<b>BCS</b> Certificate in Information Security Management Principles)            CC (<b>ISC2</b> 'Entry level' Certified in Cybersecurity)            SSCP (<b>ISC2</b> Systems Security Certified Professional)            CISSP (<b>ISC2</b> Certified Information Systems Security Professional)            CCSK (<b>CSA</b> Certificate of Cloud Security Knowledge)            CEH (<b>EC Council</b> Certified Ethical Hacker)            Microsoft Azure Fundamentals (AZ - 900)            Microsoft Security Operations Analyst (SC-200)            AWS Certified Cloud Practitioner (CLF-C01)         </p>
<b>Suggested Job Search Strings</b>	"Security", "IT Security", "Security Analyst"
<b>Suggested Job Sites</b>	<a href="http://www.jobserve.com">www.jobserve.com</a> ; <a href="http://www.cwjobs.co.uk">www.cwjobs.co.uk</a> ; <a href="http://www.indeed.com">www.indeed.com</a>
<b>Prerequisites</b>	Delegates should have practical experience of Information Technologies. Currently working in IT or related fields will be an added advantage.
<b>Course Requirements</b>	<p>Delegates should have with a wireless Internet access enabled laptop for practicals.</p> <p>Delegates need to register for AWS and Azure accounts.</p>
<b>Course Fees</b>	£600