

## CYBRARY SOC ANALYST CAREER PATH SYLLABUS

TITLE	FORMAT	HOURS	OUTCOME	SYLLABUS
<b>Entry</b>				
CompTIA A+	Course	43	Certificate of Completion	Week 1-2
How to Use a Practice Lab**	Course	0.5	Hands on Experience	Week 2
CompTIA A+ Virtual Lab	Labs	22	Hands on Experience	Week 2
CompTIA Linux+	Course	6	Certificate of Completion	Week 3
CompTIA Linux+ Part 1 Virtual Lab	Labs	22	Hands on Experience	Week 3-4
CompTIA Linux+ Part 2 Virtual Lab	Labs	22	Hands on Experience	Week 4-5
Fundamental Linux Administration	Assessment	2	Assessment score	Week 5
Virtualization Management	Course	20	Certificate of Completion	Week 6
CompTIA Server+ Virtual Lab	Labs	22	Hands on Experience	Week 7
CompTIA Network+	Courses	32	Certificate of Completion	Week 7-8
CompTIA Network+ Virtual Lab	Labs	22	Hands on Experience	Week 8-9
CompTIA Network+ N10-007 Virtual Lab	Labs	22	Hands on Experience	Week 9-10
Peripheral Devices and Connectors	Assessment	2	Assessment score	Week 10-11
<b>Junior</b>				
CompTIA Security+	Courses	10	Certificate of Completion	Week 1
Intro to Cyber Threat Intelligence	Courses	4	Certificate of Completion	Week 2
Security Assessment & Testing*	MicroCourses	2	Certificate of Completion	Week 2
Fundamental Vulnerability Management*	MicroCourses	2	Certificate of Completion	Week 2
Penetration Testing and Ethical Hacking	Courses	14	Certificate of Completion	Week 3-4
Log Analysis	Lab	2	Hands on Experience	Week 4
Conduct Log Analysis and Cross Examination for False Positive:	Lab	2	Hands on Experience	Week 4
CompTIA Security+ 501 Virtual Lab	Lab	22	Hands on Experience	Week 5-6
Performing an Initial Attack Analysis	Lab	2	Hands on Experience	Week 6
Log Analysis (Set #1)	CTF Assessment	1	Assessment Score	Week 6
Network Traffic Analysis (Set #1)	CTF Assessment	1	Assessment Score	Week 6
Open Source Intelligence (Set #1)	CTF Assessment	1	Assessment Score	Week 6
<b>Senior</b>				
Web App Security Fundamentals	MicroCourses	2	Certificate of Completion	Week 1
Asset Security	MicroCourses	1	Certificate of Completion	Week 1
Introduction to Wireshark Virtual Lab	Lab	22	Hands on Experience	Week 1-2
Security Assessment & Testing	MicroCourses	2	Certificate of Completion	Week 2
Computer and Hacking Forensics	Courses	7	Certificate of Completion	Week 3
Certified Ethical Hacker (CEH) Virtual Lab	Lab	22	Hands on Experience	Week 3-4
IDS/IPS	Assessment	2	Assessment Score	Week 3-4
CompTIA CASP	Courses	11	Certificate of Completion	Week 5
CompTIA Advanced Security Practitioner (CASP) Virtual Lab	Lab	22	Hands on Experience	Week 6-7
CompTIA CySA+ Threat Management	Courses	2	Certificate of Completion	Week 7
Advanced Cyber Threat Intelligence	Courses	3	Certificate of Completion	Week 7
Nessus Fundamentals	MicroCourses	2	Certificate of Completion	Week 7
Log Analysis	Lab	2	Hands on Experience	Week 8
Assessing Vulnerabilities Post Addressal	Lab	2	Hands on Experience	Week 8
Performing an Initial Attack Analysis	Lab	2	Hands on Experience	Week 8
Recover from Browser-based Heap Spray Attack	Lab	2	Hands on Experience	Week 8
Identify Whether High-Risk Systems Were Affected	Lab	2	Hands on Experience	Week 8
Log Analysis (Set #1)	CTF Assessment	1	Assessment Score	Week 9
Forensics (Set #1)	CTF Assessment	1	Assessment Score	Week 9
Network Traffic Analysis (Set #1)	CTF Assessment	1	Assessment Score	Week 9
Open Source Intelligence (Set #1)	CTF Assessment	1	Assessment Score	Week 9