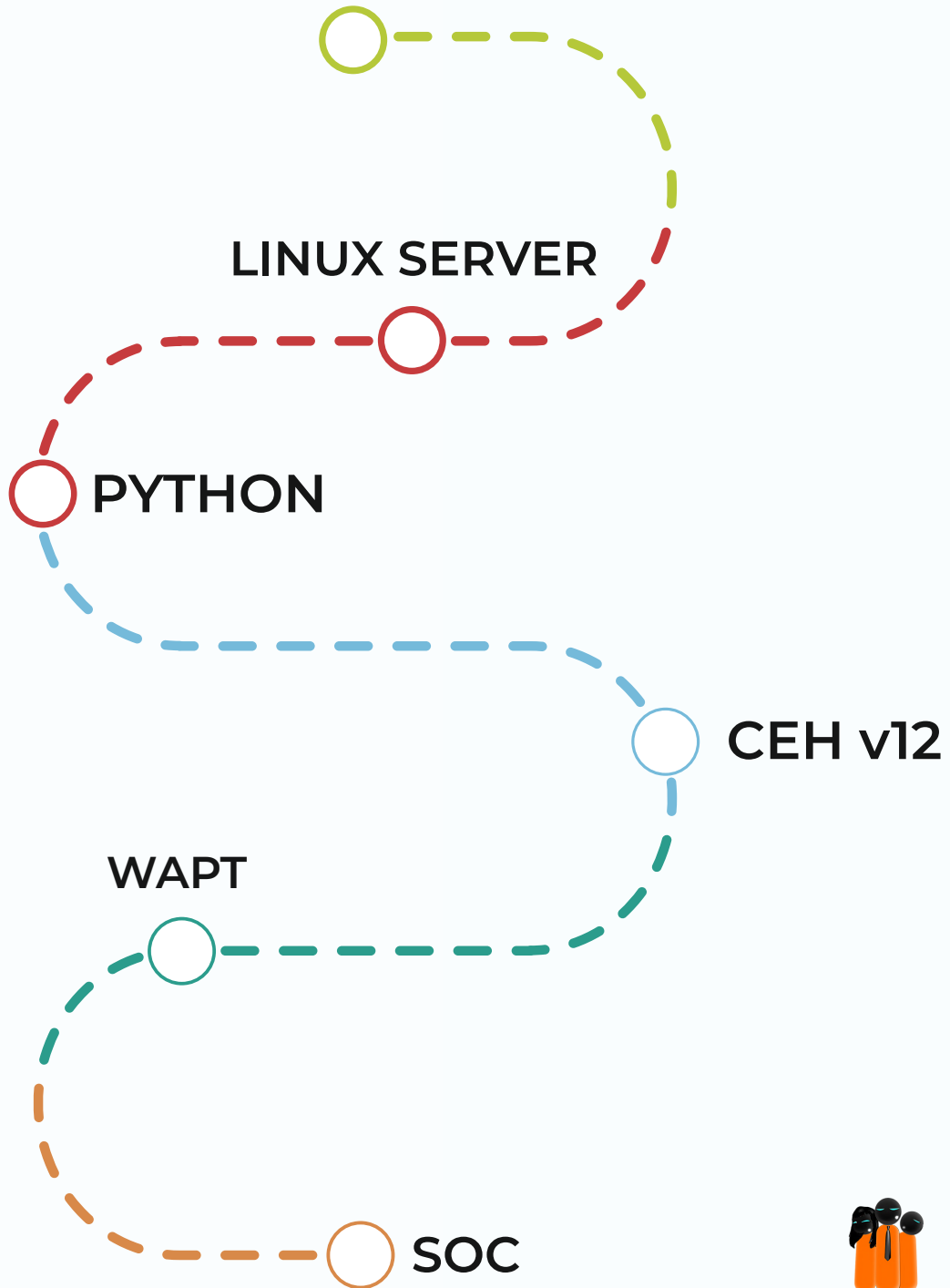


# CYBER SECURITY ANALYST PROGRAM



# LEARNING PATH

Network Associate



# CEH Program Outline

## LINUX

RH124 - Red Hat System Administration I  
RH134 - Red Hat System Administration II  
RH294 - Red Hat System Administration III

## CCNA

1.0 Network Fundamentals  
2.0 Network Access  
3.0 IP Connectivity  
4.0 IP Services  
5.0 Security Fundamentals  
6.0 Automation and Programmability  
7.0 Routing and Switching

## PYTHON

Session 1: Introduction to Python  
Session 2: Control Statements  
Session 3: List, Ranges & Tuples in Python  
Session 4: Python Dictionaries and Sets  
Session 5: Input and Output in Python  
Session 6: Python built-in function  
Session 7: Python Object Oriented  
Session 8: Exceptions  
Session 9: Python Regular Expressions  
Session 10: Python Multithreaded Programming  
Session 11: Using Databases in Python  
Session 12: Django Web Framework in Python

## CEH v 12

Module 01	Module 11
Introduction to Ethical Hacking	Session Hijacking
Module 02	Module 12
Foot Printing and Reconnaissance	Evading IDS, Firewalls, and Honeypots
Module 03	Module 13
Scanning Networks	Hacking Web Servers
Module 04	Module 14
Enumeration	Hacking Web Applications
Module 05	Module 15
Vulnerability Analysis	SQL Injection
Module 06	Module 16
System Hacking	Hacking Wireless Networks
Module 07	Module 17
Malware Threats	Hacking Mobile Platforms
Module 08	Module 18
Sniffing	IoT and OT Hacking
Module 09	Module 19
Social Engineering	Cloud Computing
Module 10	Module 20
Denial-of-Service	Cryptography



## WAPT

Introduction to Web Applications  
Information Gathering  
Cross-Site Scripting  
SQL Injection  
Authentication and Authorization  
Session Security & CSRF  
Remote code execution  
HTML5  
File and Resource Attacks  
Other Attacks  
Web Services  
XPath Injection  
Penetration Testing Content Management Systems  
Penetration Testing NoSQL Databases

## SOC

Module 1  
Security Operations and Management  
Module 2  
Understanding Cyber Threats, Attack  
Methodology  
Module 3  
Incidents, Events, and Logging  
Module 4  
Incident Detection with Security Information and  
Event Management (SIEM)  
Module 5  
Enhanced Incident Detection with Threat  
Intelligence  
Module 6  
Incident Response

