Cyber Security
Diploma Program Length: 64 Weeks
NOC Code: 2171

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Introduction to Cybersecurity	**4 Weeks**

Threats and Vulnerabilities
Cybersecurity Tools and Methodologies
Basic Security Concepts

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A+	**6 Weeks**

Operating System Fundamentals 6 Weeks Installing and
Configuring System Components
Supporting Laptops and Portable Computing Devices

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Windows 10 Administration	**4 Weeks**

Introduction and Configuration
Securing Windows 10
Windows 10 Virtualization

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Windows PowerShell Scripting	**4 Weeks**

Using Windows PowerShell Cmdlets
Debugging Scripts and Error Handling
Working with Functions

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Comp TIA Network+ and Cisco CCNA	**4 Weeks**

Network Fundamentals
Routing Technologies
Infrastructure Services

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Advanced Network Technologies	**4 Weeks**

Advanced Routing and Switching
Network Security Measures

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Installing & Configuring Windows Server	**6 Weeks**

Installing Windows Servers in Host and Computer Environments
Implementing Local and Enterprise Storage Solutions
Maintaining and Monitoring Server Environment

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Certification Path:

CompTIA A+
CompTIA Network+
CompTIA Security+ CERTIFIED
CompTIA CySA+
CompTIA Linux+
CompTIA CASP+

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Windows Server Administration   **5 Weeks**

Understanding of Microsoft Windows
System Access and File System
Windows Scripting and Command Line
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Linux Administration & Management   **5 Weeks**
Linux Installation and Package Management
Linux File System and Command Line Basics
Linux Networking and Security
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Security+   **4 Weeks**
Network Security
Compliance and Operational Security
Basic Security Implementations
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Cybersecurity Analyst   **5 Weeks**
Threat Detection and Analysis
Vulnerability Management
Security Architecture and Toolsets
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Security Policies & Risk Management   **4 Weeks**
Developing Security Policies
Risk Assessment and Management
Business Continuity and Disaster Recovery Planning
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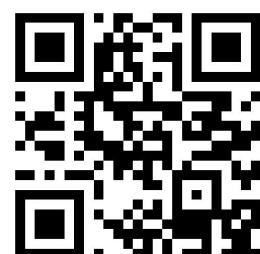## Career Planning Preparation   **1 Week**
Introduction: What Are Your Personal Career Assets
Knowledge, Skills, and Ability
Career Exploration Learning & Work
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Field Placement   **8 Weeks**
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Career Opportunities:
Cybersecurity Specialist
Cybersecurity Analyst
Security Specialist
Windows Server Administrator

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