**Training Program**

**Background**

This curriculum is specially designed for the **NAVTTC**. Keeping in view the importance of the latest technologies knowledge, the program is designed to build core skills of the students from basic to advanced level. This documents states brief description of the program. Once reviewed and discussed, detailed description shall be shared with any amendments incorporated.

**Salient features:**

* This includes 2 career paths Cybersecurity & Networking
* Both career paths comprise a set Cisco NetAcad Courses from basic to Advance Level
* This comprehensive training will prepare students for the IT industry careers in **Cybersecurity** & **Networking**
* Internationally recognized **Course Completion Certificate** for each course will be awarded
* **Ethical Hacker** industry certification is part of the Cybersecurity path
* **CCNA** industry certification is part of the Networking path
* The program emphasizes hands-on skills and practical approach
* Courses can be amended slightly at any time during the project execution. This would improve the program. Cisco NetAcad courses are updated regularly
* For quality training, the program shall include final project & EH certification preparation

**Schedule:**

* A total of 120 teaching hours and 12 weeks duration
* 5 days per week and 10 hours per week
* Master trainers can conduct the first batch of each track
* Instructors to be trained will be required to attend these classes and prepare themselves for training of next batches
* Training schedule will be finalized in the next meeting in the presence of Master trainer/s

**Cybersecurity Path:**

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Cisco NetAcad Course** | **Course Coverage** | **Course Completion Certificate** |
| 1 | Introduction to Cyber Security | Full | Yes |
| 2 | Networking Basics | Full | Yes |
| 3 | Networking Devices and initial configuration | Full | Yes |
| 4 | Network Defense | Full | Yes |
| 5 | Endpoint Security | Full | Yes |
| 6 | Cyber Threat Management | Full | Yes |
| 7 | Cyber Security Essentials | Full | Yes |
| 8 | Ethical Hacker | Full | Yes |
| 9 | CyberOps Associate | 40% | Yes |
| 10 | Network Security | 40% | Yes |

Career Path**: JUNIOR CYBERSECURITY ANALYST**

This track will include additional “**Industry certification**” after completion of below courses

* Introduction to Cybersecurity
* Networking Basics
* Networking Devices and initial configuration
* Endpoint Security
* Network Defense
* Cyber Threat Management

Test Knowledge: Junior Cybersecurity Analyst Career Path Exam

**Certification Exam:** Cisco Certified Support Technician (CCST) Cybersecurity

**Associated Industry Certifications**

1. **CCST Cybersecurity**
2. **Ethical Hacker**

**Networking Path:**

**Pre-requisite**

Computer Hardware Basics (Self-Paced)

Operating Systems Basics (Self-Paced)

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Cisco NetAcad Course** | **Course Coverage** | **Course Completion Certificate** |
| 1 | Digital Awareness (Optional) | Full | Yes |
| 2 | Using Computer and mobile Devices (Optional) | Full | Yes |
| 3 | Networking Basics | Full | Yes |
| 4 | Networking Devices & initial configuration | Full | Yes |
| 5 | Network Addressing and basic troubleshooting | Full | Yes |
| 6 | Network Support and Security | Full | Yes |
| 7 | IT Essentials | Full | Yes |
| 8 | Networking Essentials | Full | Yes |
| 9 | CCNA-I Introduction to Networks | Full | Yes |
| 10 | CCNA-2 Switching, Routing & Wireless Essentials | Full | Yes |
| 11 | CCNA-3 Enterprise Networking, Security & Automation | Full | Yes |

Career Path: **NETWORK TECHNICIAN**

This track will include additional “**Industry certification**” after completion of below courses

* Networking Basics
* Networking Devices & initial configuration
* Network Addressing and basic troubleshooting
* Network Support and Security

Test Knowledge: Network Technician Career Path Exam

**Certification Exam:** Cisco Certified Support Technician (CCST) Networking

**Industry Certifications associated**

1. **CCST Networking**
2. **CCNA**