Course Name: Cybersecurity Baseline Initiative

Course Number: CMT-001-F

Course Outline: See below

I. **Network Theory**

II. **Bounded Network Media**

III. **Unbounded Network Media**

IV. **Network Implementations**

V. **TCP/IP Addressing and Data Delivery**

VI. **Routing**

VII. **TCP/IP Services**

VIII. **WAN Infrastructure**

IX. **Cloud and Virtualization Technologies**

X. **Network Security Basics**

XI. **Preventing Security Breaches**

XII. **Responding to Security Incidents**

XIII. **Remote Networking**

XIV. **Network Management**

XV. **Troubleshooting Network Issues**

XVI. **Security Fundamentals**

XVII. **II: Identifying Security Threats and Vulnerabilities.**

XVIII. **Managing Data, Application, and Host Security**

XIX. **Implementing Network Security**

XX. **Implementing Wireless Security**

XXI. **Managing Certificates**

XXII. Implementing Compliance and Operational Security

XXIII. Risk Management

XXIV. Troubleshooting and Managing Security Incidents

XXV. Business Continuity and Disaster Recovery Planning

XXVI. Assessing Information Security Risk

XXVII. Analyzing the Threat Landscape

XXVIII. Analyzing Reconnaissance Threats to Computing and Network Environments

XXIX. Analyzing Attacks on Computing and Network Environments

XXX. Analyzing Post-Attack Techniques

XXXI. Managing Vulnerabilities in the Organization

XXXII. Implementing Penetration Testing to Evaluate Security

XXXIII. Collecting Cybersecurity Intelligence

XXXIV. Analyzing Log Data

XXXV. Performing Active Asset and Network Analysis

XXXVI. Responding to Cybersecurity Incidents

XXXVII. Investigating Cybersecurity Incidents

XXXVIII. Addressing Security Architecture Issues