MARCRAFT
an ETG Brand

CYBER SECURITY ESSENTIALS
CONCEPTS & PRACTICES

Physical Security
- Basic Security and Surveillance Systems
- Access Control and Monitoring
- Remote Monitoring
- Fire Detections Systems
- Vehicle Detection Sensors
- Wired Security Systems
- Wireless Security Systems
- Access Control Systems
- Key management

Computer Security
- Access Control
- Computer Authentication Methods
- Malicious Software Protection

Network Security
- Network & Server Access
- Physical Server Security
- Network Authentication Methods
- Access Control, Remote Monitoring
- Simple Network Management Protocol (SNMP)
- Wireless Network Security

External Organizational Protection
- Authentication
- Data Encryption, Digital Certificates
- Auditing
- Types of Attacks
- Firewalls

Disaster Recovery
- Data Backup Methods
- Data Recovery

180 Hours of Theory and Hands-on Labs with Equipment

ADVANCED ENDORSEMENTS
45 Hours of Theory & Hands-on Labs

- **Enterprise Network Security**
  Business Networking & Server Management

- **Industrial Security Systems**
  Automated Processes, Programmable Logic Controllers, Smart Grids, Structural Security, Grid Networks, WANs and HANs, Smart Meters, SCADA Systems & Security Issues and Solutions

- **Medical Network Security**
  Medical System Structure & HIPPA Requirements

- **Ethical Hacking**
  Black Hat, White Hat & Gray Hat

> "Few job categories can match the explosive growth in demand for cyber security talent."
> *CIO Journal, March 2013*

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