

CYBER SECURITY

**AMERICA NEEDS
TRAINED
PROFESSIONALS!**

Cyber Security is an all-encompassing domain of Information Technology – it comprises the entire set of security-related technologies and issues



NOT JUST SIMULATION

IoT Devices
Card Readers
Wireless Sniffers
Motion Detector
Video Cameras
Bluetooth Sniffers
PLC and SCADA
Biometric Devices
Virtualization Systems
AND MUCH MORE

Demand for Cyber Security employees is expected to rise to **6 million globally** by 2019, with a projected **shortfall of 1.5 million**, says Michael Brown, CEO at Symantec, the world's largest security software vendor.

THE GOVERNMENT NIST FRAMEWORK

The new **MARCRAFT CYBER SECURITY ESSENTIALS** course, based on the **National Institute of Standards and Technology**, encompasses **180-240** hours of both theory and extensive **hands-on equipment** and

- Physical Asset Security Systems & Devices
- Local Host, Local Network & Internet Security
- Enterprise Network Security
- Industrial Control System (ICS) Network Security
- Medical/IoT Network Security
- Ethical Hacking Roles and Tools



ISACA Cybersecurity Fundamentals Certificate Exam
Microsoft Security Fundamentals MTA 98-367 Exam



**Be sure to call 800-441-6006 or e-mail us at info@marcraft.com for a
FREE EVALUATION copy of the Student Text and Lab Guides**

CYBER SECURITY

Identify, Protect, Detect, Respond, Recover



Cyber Security skills are in high demand, as threats continue to plague enterprises around the world.

WILL YOU BE READY?

FOR THE STUDENT:

Fully Illustrated Text and Lab Guides

- * Complete Theory Instruction
- * Extensive Technical Instruction
- * Integrated Hands-On Labs
- * Industry Certification Test Prep
- * Online Curriculum Available

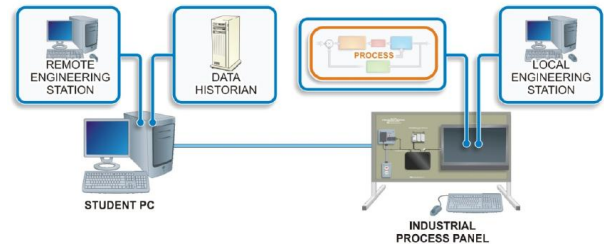
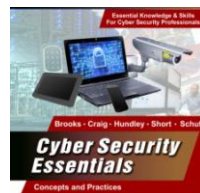


Figure 40-1: Standalone ICS Network

FOR THE INSTRUCTOR:

Fully Illustrated Instructor's Guide with PowerPoint Presentations

- * Onsite Classroom Set-up and Training
- * Online Classroom Management
- * Master Reset Control
- * Free 1-800 Tech Support
- * Equipped for 24-32 Students



FOR THE EMPLOYER:

Potential IT Employee with:

- * Training Based on the NIST Framework
- * Well-Rounded Technical Skills
- * Significant Hands-On Experience
- * Industry Certifications

ISACA Cybersecurity Fundamentals Certificate Exam
Microsoft Security Fundamentals MTA 98-367 Exam



IT FUNDAMENTALS

**Prepare your students for the next level
with 45-Hour IT Foundation Courses**

Pick and Choose, Mix and Match!

Introduction to Networking

Networking Fundamentals
Network Operating Systems
Network Upgrading
Network Operations
Network Troubleshooting and Maintenance



Introduction to Cyber Security

Core Cyber Security Principles
Operating System Security
Network Security Principles
Security Software



Introduction to Internet of Things (IOT)

Introduction to Processors
Introduction to Sensors
Introduction to Actuators
Coding/Internet Fundamentals

Introduction to Computers

Basic Computer Architecture & Operation
Common Software Packages and Usage
Consumer Maintenance Practices

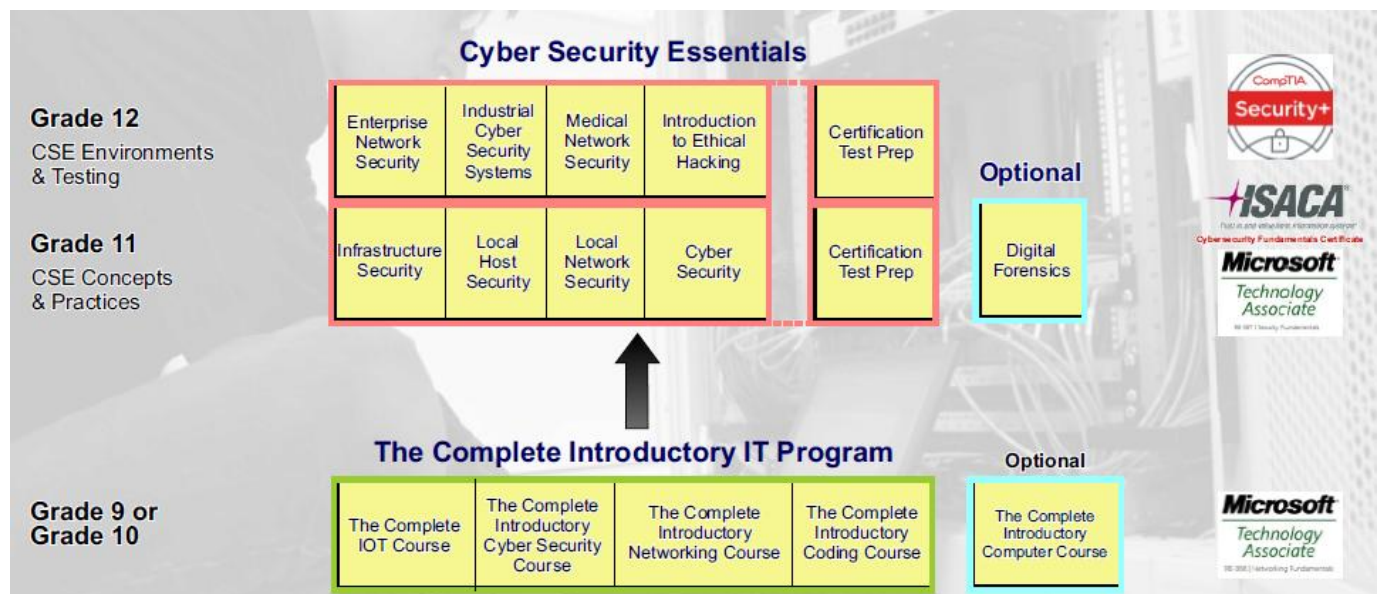
Introduction to Coding

Software Development Theory
Program Design Skills
Programming Skills
Debugging Skills

Introduction to Databases

Database Analysis and Design
Database Development and Implementation
Administration and Maintenance
Security Administration
Client Services

Depending on your plan, the Marcraft Cyber Security program can be taught in 1 or 2 years



**Be sure to call or e-mail us for a FREE
EVALUATION copy of the Student Text and Lab Guides**

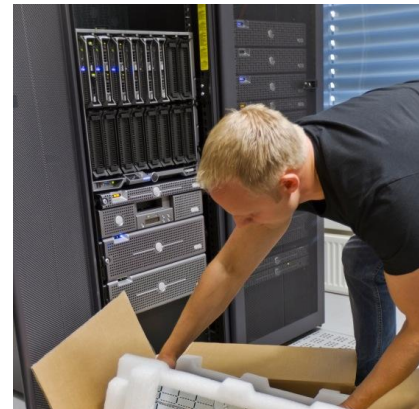
DIGITAL FORENSICS

NEW!

Based on NIST, students learn industry hands-on practices for the recovery and investigation of material found in digital devices.



Station	Unit(s)
1	Introduction & Digital Forensics
2	Investigative Procedures
3	Hardware 101
4	Operating Systems/File Systems
5	Passwords and Trouble Zones
6	Tools of the Trade
7	Evidence
8	Retrieving Data
9	Mobile Device Forensics
10	Network Forensics
11	Online World and Email
12	Preparing to Testify



A+ Maintaining and Repairing PC's

Preapres student to pass the CompTIA A+ Exam.

Includes:

Software Faults
Hardware Faults
Diagnostic Software
Test Prep



Network + (Net+) Program

Preapres student to pass the CompTIA Net+ Exam.

Includes:

Software
Hardware Faults
Diagnostic Software
Test Prep

