

## STS BASIC CERTIFICATION PROGRAM STS-1000

Teach students to install and interconnect residential electronic communications, computer, control and entertainment equipment. These expert training systems are the perfect addition to existing construction or electronics program.

Smart Technology Systems (STS) is a professional certification for those who design and oversee the installation and integration of electronics systems in residences and light commercial buildings. In a modern integrated environment, these system are associated with the facility's SOHO networks – both wired and wireless.

### CERTIFICATIONS:



ETA Basic Smart Technology Systems



## Real World Hands-on Labs!

### Not Just a Simulation! Hands-on Labs Use the Following Equipment:

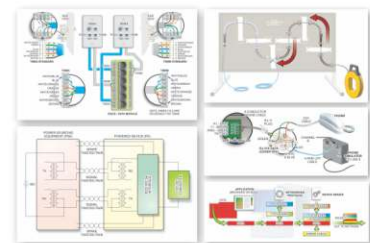
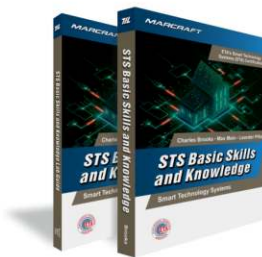
- Integration Controllers
- Distribution Boards
- Power Injectors & IR Repeaters
- Phone Line Simulators
- Coaxial Splitters
- 110-Type & 66-Type Connection Blocks
- Cable Testers
- Home Routers
- AND MUCH MORE!**

### The Marcraft STS Basic Certification Course covers these topics:

- Protective Gear & Protection
- Safe Tool and Equipment Use
- OSHA Regulations
- Basic First Aid & CPR
- Meters, Circuit Breakers & Branch Circuits
- NEC Wire Standards
- Wiring Load Calculations
- Light Fixtures & Light Controls
- Grounding & Bonding
- Basic Hand Tools & Specialized Test Tools
- Cable Pulling
- Labeling and Documentation
- Structured Wiring Standards
- Wires, Connectors & Terminations
- Category Wiring Standards
- Introduction to Blueprints
- New Construction Rough-in Techniques
- Retrofit Installation Applications
- Customer Service Skills
- Troubleshooting Essentials
- AND MUCH MORE!**

### INCLUDES:

- RS-500 Test Wall & Peripherals
- RS-200 Low Voltage Wiring Lab Panel
- RS-8000 Residential Networking Station (Requires Two PC Workstations)
- RS-4000 Home Integration Panel
- RS-100IG Instructor's Guide with PowerPoint Presentation Media (1 Per Classroom)



### ACCESSORIES & ENDORSEMENT PACKAGES:

- RS-100BIG STS BASIC Text and Lab Guide
  - RS-400 Consumables Kit
  - RS-450 STS Tool Kit
  - RS-6000 STS Audio/Video Endorsement (AV) Package
  - RS-8000 STS Computer Networking (CN) Endorsement Package
  - RS-3000 STS Environmental Controls (EC) Endorsement Package
  - RS-9000 STS Security & Surveillance (SS) Endorsement Package
- (More Endorsement Info on Next Pages)*