CTS-I Prep

Test Taking Strategies

Test-Taking Strategies

The CTS-I Exam
Math Strategies

Pre-Installation Activities

Planning

Project Planning
Jobsite Surveys
Jobsite Safety
Audiovisual Tools

AV Documentation

Using a Scale
Using Ratios
Reading Architectural Drawings

CTS-I Practice Exam 1

Pre-Installation Review
CTS-I Practice Exam 1
Pre-Installation Review: Next Steps

AV Installation

Cable Essentials

Cable Identification
Connector Identification
Cable Routes
Cable Pull
Conduit Capacity
Cable Termination

Mounting

Mounting Hardware
Mounting Types
Mounting Considerations

Rack Build

AV Installation Review

AV Verification

Networking

Control Systems

Audio Verification: Impedance

Audio Verification: Setting Gain

Methods for System Gain
Gain Equipment
Setting Unity Gain
System Optimization Method
Setting Gain Structure with Audio DSP's
Mixer Input Adjustments
Microphone Input Adjustments
Line Input Adjustments
Power Amplifier Adjustments

Audio Verification: Equalization

Equalizers
Measuring Loudspeaker Performance
Testing Methods
The RTA Method
Using Dual-Channel FFT
Finishing the Equalization Process

Video Verification

Video Signals
Digital Video Signal Carriers
Introduction to DisplayID/EDID
EDID Troubleshooting
Digital Rights Management
HDCP Device Limits
Lighting for Video Cameras
Color Calibrations
Audio/Video Sync

AV Verification Review

AV Verification Review
CTS-I Practice Exam 3
AV Verification Review: Debrief

Conducting System Closeout

      Site Clean-Up
      Closeout Documentation
      Troubleshooting
      Customer Training
      Maintain AV Systems

Conducting System Closeout Review

      Conducting System Closeout Review
      CTS-I Practice Exam 4
      Conducting System Closeout Review: Debrief
      Study Contract Activity