



CTS Prep Distance Learning

Test Taking Strategies

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Part One

Duty A: Creating AV Solutions

The Bigger Picture

Gathering Information

Program Phrase: Needs Analysis

Site Surveys

Maintain Awareness of Changes, Develop a Functional AV Scope

The Design Phase

Aspect Ratio

Viewing Parameters

Display Image Size Introduction

Defining Display Image Size Terms

Using Analytical and Basic Decision Making

Using the Web App to Calculate Display Image Size

Implementing Element Height and Text Size

Calculating Analytical and Basic Decision Making

Conforming to DISCAS

Display Image Size Summary

Audio System Quality

Part Two

Duty A: Creating AV Solutions

Ohm's Law

Impedance

Power Amplifier Ratings

Constant Voltage

The Decibel

Loudspeaker Coverage Patterns

Project Documentation

Reading Drawings



Duty B: Implementing AV Solutions

- Install Elements
- Cable Considerations
- Mounting Considerations
- Electrical Considerations
- Control Systems
- System Closeout

Duty B: Implementing AV Solutions

- Operate AV Solutions

Duty C: Servicing AV Solutions

- Troubleshoot and Repair AV Solutions

Part Three

Networking

- Introduction to Part Three
- Networking Components
- Network Connections
- Ethernet
- IP
- Address Assignment
- Transport Protocol
- Security Technologies



Duty B: Project Management

Project Coordination
Project Documentation

Study Plan

Study Plan

Student Workbook

Exercise Workbook

Answer Key

Additional Resources

Supplemental Study Materials

Breakout Sessions

Chat with Industry Experts