

Appendix A: CTS-I Exam Content Outline

The CTS-I exam specifications were developed by combining the importance, criticality, and frequency data obtained from the Job Task Analysis study. The resulting data were converted to percentages and the percentages were used to determine the number of questions related to each domain and task that should appear on the multiple-choice CTS-I examination. The test specifications in the table below list how many questions are included in each Domain and Task and the percentage of the test included in each domain. The Job Task Analysis Final Report can be downloaded at www.infocomm.org/ctsi under “CTS-I Resources.”

CTS-I Domains/Tasks	% of Exam	# of Items
Domain A: Conducting Pre-Installation Activities	22%	22
Task 1: Review Audiovisual Project Documentation	4%	4
Task 2: Conduct Technical Site Survey	4%	4
Task 3: Prepare for Audiovisual Installation	4%	4
Task 4: Evaluate Overall Facility Conditions	3%	3
Task 5: Maintain Tools and Equipment	3%	3
Task 6: Prepare Site for Installation	4%	4
Domain B: Conducting Site Rough-In/First-Fix	11%	11
Task 1: Deinstallation of Existing Equipment/cabling	3%	3
Task 2: Pull Cable	4%	4
Task 3: Mount Substructure	4%	4
Domain C: Installing Audiovisual Systems	37%	37
Task 1: Conduct Off-site Fabrication	3%	3
Task 2: Prepare Audiovisual Rack	4%	4
Task 3: Wire the Audiovisual Equipment Rack	4%	4
Task 4: Distribute Audiovisual Equipment	3%	3
Task 5: Mount Audiovisual Equipment	4%	4
Task 6: Terminate Cables	4%	4
Task 7: Configure Network Attached Components (ISDN, IP, POTS, etc.)	4%	4
Task 8: Load Control Programs	3%	3
Task 9: Test the Audiovisual Equipment	4%	4
Task 10: Calibrate Audiovisual Equipment	4%	4
Domain D: Perform Systems Close Out	11%	11
Task 1: Demonstrate to Client or Client's Representative that System Performs to Specifications	4%	4
Task 2: Obtain Project Completion Sign-Off from Client or Client's Representative	3%	3
Task 3: Provide Training on Equipment Operation	4%	4

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Domain E: Conducting Ongoing Project Responsibilities	19%	19
Task 1: Perform Site Clean-up	3%	3
Task 2: Complete Daily Progress Reports	3%	3
Task 3: Coordinate with Other Contractors	3%	3
Task 4: Conduct Field Engineering	4%	4
Task 5: Repair Audiovisual Systems	3%	3
Task 6: Maintain AV Systems	3%	3
Total	100%	100

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