

Appendix A: CTS-D Exam Content Outline

The CTS-D 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-D 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/ctsd under “CTS-D Resources.”

CTS-D Exam Content Outline	% of Exam	# of Items
Domain A: Conducting a Needs Assessment	15.2%	19
Task 1: Identify stakeholders/decision-makers	1.6%	2
Task 2: Identify skill level of end users	1.6%	2
Task 3: Educate the AV client	0.8%	1
Task 4: Review client technology master plan	1.6%	2
Task 5: Identify clients' procurement processes	0.8%	1
Task 6: Research clients' business process	0.8%	1
Task 7: Research clients' business environment	0.8%	1
Task 8: Define AV needs (absolutes)	2.4%	3
Task 9: Identify scope of work	2.4%	3
Task 10: Identify regulatory requirements and project certification goals	2.4%	3
Domain B: Collaborating With Other Professionals	25.6%	32
Task 1: Review A/E (architectural and engineering) drawings	4%	5
Task 2: Coordinate architectural/interior design criteria	3.2%	4
Task 3: Coordinate structural/mechanical criteria	3.2%	4
Task 4: Coordinate electrical criteria	3.2%	4
Task 5: Coordinate lighting criteria	3.2%	4
Task 6: Coordinate IT and network security criteria	4%	5
Task 7: Recommend acoustical criteria	2.4%	3
Task 8: Coordinate life safety and security criteria	2.4%	3
Domain C: Developing AV Designs	49.6%	62
Task 1: Create draft AV design	10.4%	13
Task 2: Confirm site conditions	8%	10
Task 3: Produce infrastructure drawings	10.4%	13
Task 4: Produce AV system documents	11.2%	14
Task 5: Produce AV build documentation	9.6%	12
Domain D: Conducting Project Implementation Activities	9.6%	12
Task 1: Participate in project implementation communication	2.4%	3
Task 2: Perform system verifications	4%	5
Task 3: Conduct system close out activities	3.2%	4
Total	100.0%	125

NOTE: Applicants and stakeholders should download the most up-to-date free edition of the CTS-D Candidate Handbook that may include important policy and procedure updates by going to the InfoComm website at www.infocomm.org.
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