

CTS Exam Content Resources

In addition to InfoComm's training and publications, the following resources contain content relating to the tasks listed on the CTS Exam Content outline. This list is not exhaustive; it is intended only as a test preparation resource.

40 Gigabit and 100 Gigabit Ethernet Are Here!, 2010, Brocade.
http://www.brocade.com/downloads/documents/white_papers/40_100_GbE_Are_Here_WP.pdf

Audio Engineering Society (AES). "AES48-2005."
<http://www.aes.org/publications/standards/>

Ballou, Glen, ed. *Handbook for Sound Engineers, Fourth Edition*. Burlington, MA: Elsevier, 2008

Ballou, Glen, ed. *Handbook for Sound Engineers, Third Edition*. Boston: Focal Press, 2002.

Ballou, Glen, ed.. *Handbook for Sound Engineers: The New Audio Cyclopedia*.1998, Focal Press.

Beranek, L. L. 1971. *Noise and Vibration Control*. New York, NY: McGraw-Hill.

Beranek, L. L. 1993. *Acoustics*. Cambridge, MA: Bolt, Beranek and Newman.

Beranek, Leo Leroy. *Music, Acoustics & Architecture*.1979, R. E. Krieger.

BICSI. *Telecommunications Cabling Installation, Second Edition*._ New York: McGraw-Hill, 2003.

Bohn, Dennis A., for Rane. *Pro Audio Reference, Second Edition*. Mukilteo, WA: Rane Corporation, 2006.

Burdick, A.H. 1986. *A Clean Audio Installation Guide*. North Syracuse, N.Y.: Benchmark Media Systems, Inc.

Burroughs, Lou. *Microphones: Design and Application*. Plainview, NY: Sagamore, 1974

Chandler, Linda C. *Cheat Sheet: Selecting an A/V company: Pointers for identifying your A/V needs and the company that can best accommodate them*. Retrieved: October 13, 2006,
<http://www.expoweb.com/2006JulyAug/2006JulyAugustCheatsheet.htm>.

Chiswell, B. and E. Grigg, 1971. *S Units*. Sydney: John Wiley & Sons Australia Pty Ltd.

Client Expressions Corporation. *Managing Client Expectations to Improve Satisfaction* Retrieved: September 16, 2006, [http://www.clientexpressions.com/CEx/cexweb.nsf/\(GetPages\)/fb0e21c03e1a1fb85257011006e6396](http://www.clientexpressions.com/CEx/cexweb.nsf/(GetPages)/fb0e21c03e1a1fb85257011006e6396).

Clifford, M. 1979. *Microphones—How They Work & How to Use Them*. Blue Ridge Summit, PA: Tab Books.

Cohen, A. B. 1978. *Hi-Fi Loudspeakers and Enclosures*. Rochelle Park, NJ: Hayden Book Company.

Construction Specifications Institute. *MasterFormat 1995*.1995, Alexandria, VA: Construction Specifications Institute.

Construction Specifications Institute. *MasterFormat 2004*.2004, Alexandria, VA: Construction Specifications Institute.

Construction Specifications Institute. *PageFormat 2001*.2001, Alexandria, VA: Construction Specifications Institute.

Construction Specifications Institute. *SectionFormat 2000*.2000, Alexandria, VA: Construction Specifications Institute.

Craig Zacker. *Networking: The Complete Reference*.2001, Berkeley, CA: Osborne/McGraw Hill.

Dale Pripps, "Widescreen TV – The HDTV Story," *Widescreen Review* July-August 1993

Da-Lite, ed. *Angles of View: Collected Edition 1995-1997*. Warsaw, IN: Da-Lite Screen Company, 1997.

Dante Q&A, Audinate.
http://www.audinate.com/index.php?option=com_content&view=article&id=99&Itemid=93

David Fuller. "Distributed vs Centralized Processing", *QSC White Paper*.October 1, 2012, QSC. http://www.qscaudio.com/products/network/QSys/Centralized-Topology-White-Paper_Final.pdf

Davis, C., and D. Davis. Grounding and Shielding Workshop. *Tech Topics*. 12: 10 (1985).

Davis, D. and C. Davis. 1977. *Sound System Engineering*. Indiannapolis, IN: Howard W. Sams & Company, Inc.

Davis, Don and Carolyn Davis. *Sound System Engineering, Second Edition*. Boston: Focal Press, 1997.

Davis, G., and R. Jones. 1989. *The Sound Reinforcement Handbook: Second Edition*. Milwaukee, WI: Hal Leonard Corporation.

Davis, Gary and Ralph Jones, for Yamaha. *The Sound Reinforcement Handbook, Second Edition*. Milwaukee: Hal Leonard Corporation, 1989.

Digigram. "Technology: Overview", 2008, EtherSound.
<http://www.ethersound.com/technology/overview.php>

Doelle, L. L. 1972. *Environmental Acoustics*. New York, NY: McGraw-Hill.

Don Reisinger. "NetFlix Gobbles a Third of Peak Internet Traffic in North America", *CNet*. November 7, 2012, http://news.cnet.com/8301-1023_3-57546405-93/netflix-gobbles-a-third-of-peak-internet-traffic-in-north-america/

Earge, John. *The Microphone Book, Second Edition*. Oxford: Focal Press, 2004

Eargle, John and Chris Foreman. *Audio Engineering for Sound Reinforcement*. Milwaukee: Hal Leonard, 2002

Earley, Mark W., et al. eds.. *NFPA-70, National Electrical Code*. 2002, Quincy, Mass.: National Fire Protection Association.

Earley, Mark W., et al. eds.. *NFPA-70, National Electrical Code*. 2005, Quincy, Mass.: National Fire Protection Association.

Early, Mark W., Jeffrey S. Sargent, Joseph V. Sheehan, E. William Buss. *NEC 2008 Handbook: NFPA 70: National Electric Code*; International Electrical Code Series. NFPA, 2008.

Edgar Danielyan. "Zero Configuration Networking", *The Internet Protocol Journal*, Volume 5, Number 4.
http://www.cisco.com/web/about/ac123/ac147/archived_issues/ipj_5-4/zero_config_networking.html

Egan, D. M. 1988. *Architectural Acoustics*. New York, NY: McGraw-Hill.

Egan, M. D. 1972. *Concepts in Architectural Acoustics*. New York, NY: McGraw-Hill.

Egan, M. David. *Architectural Acoustics*. New York: McGraw-Hill, 1988

Erik Kangas. "SSL versus TLS - What's the Difference?", *LuxSci*. November 10, 2008. <http://luxsci.com/blog/ssl-versus-tls-whats-the-difference.html>

Everest, F. Alton. *Master Handbook of Acoustics, Fourth Edition*. New York: McGraw-Hill, 2001.

FAQ: What is SSL?, *SSL.com*. January 6, 2013,
<http://info.ssl.com/article.aspx?id=10241>

Giddings P. *Getting a Perspective on Noise in Audio Systems*.
<http://www.engineeringharmonics.com/papers/8.html>.

Giddings, P. An Introduction to Electromagnetic Compatibility (EMC) and Electromagnetic Interference (EMI) for Audio Systems Designers. *J. Audio Eng. Soc.* 37: 570—585 (1989 July/Aug.).

Giddings, P. *Audio Systems Design and Installation*. Boston: Focal Press, 1990.

Harris, C. M., ed. 1991. *Handbook of Acoustical Measurements and Noise Control: Third Edition*. New York, NY: McGraw-Hill.

How to use automatic TCP/IP addressing without a DHCP server, January 4, 2007, Microsoft Support. <http://support.microsoft.com/kb/220874>

Howard, David M. and Jamie A.S. Angus. *Acoustics and Psychoacoustics, Fourth Edition*. Oxford: Focal Press, 2009

Hugh Barrass, Michael Bennett, Brad Booth, Chris DiMinco, Paul Kish, David Law, Shimon Muller, Bruce Tolley, George Zimmerman. "Ethernet over Twisted-Pair Copper", August 2007, Ethernet Alliance.
http://www.belden.com/pdfs/techpprs/10gbase_t2.pdf

Immediate Connections, Inc., Technical Training Manual, (pg 5-9) Boston, MA: Author, 2005.

Institute of Electrical and Electronics Engineers, Inc. (IEEE). *IEEE Std 1100 - 2005 IEEE Recommended Practice for Powering and Grounding Electronic Equipment* (Emerald Book). New York: IEEE, 2006.

Internet Users in the World Distribution by World Regions - 2012 Q2, *Internet World Stats*.2012, Miniwatts Marketing Group.
<http://www.internetworldstats.com/stats.htm>

Interop Labs. "What is NAC?", *Network Access Control Interoperability Lab*. May, 2006, <http://www.interop.com/archive/pdfs/NAC.pdf>

IPv6 Addresses, *Microsoft Developer Network*. April 8, 2010, Microsoft.
<http://msdn.microsoft.com/en-us/library/aa921042.aspx>

J. Babiarez, K. Chan, and F. Baker. "Configuration Guidelines for DiffServ Service Classes", *Request for Comment 4594*.2006, IETF.
<https://tools.ietf.org/html/rfc4594>

Jack, Keith. *Video Demystified, Fourth Edition*.2004, Burlington, MA: Newnes.

Jack, Keith. *Video Demystified, Third Edition*. Eagle Rock, VA: LLH Technology Pub, 2001.

Jane Holcombe, Charles Holcombe. *CompTIA A+ Certification Study Guide, Seventh Edition*. 2010, McGraw Hill Professional

John Lambert. "IPv6 Subnet Masking", *Exabyte*. 2009, http://www.exabyte.net/lambert/subnet/ipv6_subnet_masking.htm

Joseph G. Boyce and Dan W. Jennings. *Information Assurance: Managing Organizational IT Security Risks*. 2002, Woodburn, MA: Butterworth-Heinemann.

Just what is a Blade?, *HP BladeSystem*. 2013, Hewlett Packard. <http://h18004.www1.hp.com/products/blades/info/what-is-a-blade.html>

Kevin Gross. "Q-LAN", *QSC White Paper*. October 7, 2009, QSC. http://www.qscaudio.com/products/network/QSys/Q-LAN_WhitePaper_2009-10.pdf

Lampen, Stephen H. *Audio/Video Cable Installer's Pocket Guide*. New York: McGraw-Hill, 2002.

Lampen, Stephen H. *Audio/Video Cable Installer's Pocket Guide*. New York: McGraw-Hill, 2002.

Lee Minich. "Overview of AVB Technology", June 12, 2012, http://www.avbnetworkingconference.com/AVB%20Networking%20Conference%202012_files/1%20AVBNetConf12%20AVB%20Overview.pdf

Long, Marshall. *Architectural Acoustics*. Burlington, MA: Elsevier, 2006

Lord, H. W., W. S. Gately, and H. A. Evensen. 1980. *Noise Control for Engineers*. New York, NY: McGraw-Hill.

M. Cotton, L. Eggert, J. Touch, M. Westerlund, S. Cheshire. "RFC 6335: Internet Assigned Numbers Authority (IANA) Procedures for the Management of the Service Name and Transport Protocol Port Number Registry", August 2011, IETF. <http://tools.ietf.org/html/rfc6335>

Macatee, S.R. Considerations in Grounding and Shielding Audio Devices. *J. Audio Eng. Soc. (Engineering Reports)*. 43: 472—483 (1995 June).

Mehta, Madan, Jim Johnson and Jorge Rocafort. *Architectural Acoustics, Principles and Design*. Upper Saddle River, NJ: Prentice-Hall, 1999

Morrison, R. 1977. *Grounding and Shielding Techniques in Instrumentation*, 2nd ed. New York: Wiley Interscience.

Morrison, R., and W. H. Lewis. 1990. *Grounding and Shielding in Facilities*. New York: Wiley Interscience.

Muncy, N.A. Noise Susceptibility in Analog and Digital Signal Processing Systems. *J. Audio Eng. Soc.* 43: 435—453 (1995 June).

Network Design Reference Manual, 5th Ed. 2003, Tampa, FL: BICSI.

NTSC Decoding Basics (Part 1 – 4). www.Extron.com/technology (Extron Electronics Video Formats), by Steve Somers. Extron Electronics, 1999-2000.

Ott, Henry. *Noise Reduction Techniques in Electronic Systems, Second Edition*. New York: John Wiley & Sons: 1988

Pennsylvania: Project Management Institute, Inc. (p. 19). Zielinski, David. *Soft Skills Hard Truths*. Training Magazine. July 2005, pp.18-23.

Perkins C. Automated Test and Measurement of Common Impedance Coupling in Audio System

Problems in New Equipment and Existing Systems: The Hummer Test." *J. Audio Eng. Soc. (Engineering Reports)*. 43: 484—487 (1995 June).

Project Management Institute, Inc. 2004. *A Guide to the Project Management Body of Knowledge (PMBOK)* 4th edition. Newton Square, PA.

R. Hinden and S. Deering. "RFC 2373: IP Version 6 Addressing Architecture", July 1998, Internet Engineering Task Force (IETF).
<http://tools.ietf.org/html/rfc2373>

Rettinger, M. 1977. *Acoustic Design and Noise Control, Vol. 1*. New York, NY: Chemical Publishing Company.

Robert Boatright. "Understanding IEEE 1722 AVB Transport Protocol - AVBTP", March 9, 2009, Harman International.
<http://www.ieee802.org/1/files/public/docs2009/avb-rboatright-p1722-explained-0903.pdf>

Rossing, T. D. 1982. *The Science of Sound*. Reading, MA: Addison-Wesley.

Rossing, Thomas D, ed. *Springer Handbook of Acoustics*. Stanford: Springer, 2007

Rossing, Thomas D., F. Richard Moore and Paul A. Wheeler. *The Science of Sound, Third Edition*. San Francisco: Addison Wesley: 2002

Shield Terminations. *J. Audio Eng. Soc. (Engineering Reports)*. 43: 488—497 (1995 June).

Simpson, Robert S.. *Lighting Control: Technology and Applications*.2003, Boston, MA: Focal Press.

Smith, B.J., R.J. Peters and Stephanie Owen. *Acoustics and Noise Control, Second Edition*. Essex: Addison Wesley Longman, 1996

Strategic Directions: Introduction to 10 Gigabit Ethernet", 2002, Cisco Systems.
http://www.cisco.com/warp/public/cc/techno/lnty/etty/ggetty/tech/10gig_wp.pdf

Switched Network Design and Examples, CobraNet.
http://www.cobranet.info/support/design/switched_network_examples

Technology FAQ, CobraNet, <http://www.cobranet.info/technology/faq>

Tektronix, Inc.. *Tektronix Video Glossary*.2004, www.tektronix.com.

The Joint Technical Committee EL/1. *AS/NZS, 3000:2000 Wiring Rules*.2000, Sydney: Standards Australian International Ltd and Standards.
Tremaine, H. 1969. *Audio Cyclopedia*. Indianapolis, IN: Howard W. Sams & Company.

Tremaine, Howard M. *Audio Cyclopedia*. Indianapolis: Howard W. Sams, 1969

Underwriters Laboratories (UL). *UL 60950: Safety of Information Technology Equipment*

Violette, N., and D. White. 1987. *Electromagnetic Compatibility Handbook*. New York: Van Nostrand Reinhold.

Wadsworth, Raymond H., ed. 1983. *The Basics of Audio and Visual System Design*. Indianapolis, In.: Howard W. Sams & Co., Inc.

Watkinson, John. *Convergence in Broadcast and Communications Media*. Boston: Focal Press, 2001.

What are Domains and Forests?, *Technet*.March 28, 2003, Microsoft.
[http://technet.microsoft.com/en-us/library/cc759073\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc759073(v=ws.10).aspx)

What is HDBaseT?, HDBaseT Alliance.
http://hdbaset.emergebeta.com/technology/what_is_hdbaset

Whitaker, Jerry. *Standard Handbook of Video and Television Engineering, Third Edition*. New York: McGraw-Hill, 2000.

White, Glenn D. and Gary J. Louie. *The Audio Dictionary, Third Edition*. Seattle: University of Washington Press, 2005

Whitlock, B. Balanced Lines in Audio Systems: Fact, Fiction, and Transformers. *J. Audio Eng. Soc.* 43: 454—464 (1995 June).

Windt, J. An Easily Implemented Procedure for Identifying Potential Electromagnetic Compatibility

Wood, A. 1961. *The Physics of Music*. New York: Dover.

Woram, John M. *Sound Recording Handbook*. Indianapolis: Howard W. Sams: 1989