

**Texts and Technology**  
**Scientific and Technical Communication Area**  
**Recommended Reading list**  
**Updated 24 April 2018**

**Recommended texts from the 2016-2018 T&T core list**

Bolter, J. D. *Writing Space: Computers, Hypertext, and the Remediation of Print*. 2nd ed. Mahwah, NJ: Lawrence Erlbaum, 2001.

Bowker, G. C. & Star, S. L. *Sorting Things Out: Classification and its Consequences*. MIT Press, 2000.

Drucker, J. & McVarish, E. *Graphic Design: A Critical Guide*. New York: Prentice Hall, 2012.

Foucault, M. *The Order of Things*. New York: Vintage Books, 1970.

Headrick, D. R. *When Information Came of Age: Technologies of Knowledge in the Age of Reason and Revolution, 1700-1850*. Oxford: Oxford University Press, 2000.

Kaptelinin, V. & Nardi, B. *Acting with Technology: Activity Theory and Interaction Design*. Illustrated ed. Cambridge: The MIT Press, 2006.

Kuhn, T. *The Structure of Scientific Revolutions*. 2nd ed. Chicago: University of Chicago Press, 1970.

Latour, B. *Reassembling the Social: An Introduction to Actor Network Theory*. New York: Oxford University Press, 2005.

Ong, W. *Orality and Literacy: The Technologizing of the Word*. London: Routledge, 2002.

Selber, S. *Multiliteracies for a Digital Age*, 2004.

Turkle, S. *Life on the Screen: Identity in the Age of the Internet*. New York: Simon & Schuster, 1995.

**Recommended texts not on the T&T core list**

*Note: several of the articles listed below are included in the Dubinsky, Johnson-Eilola & Selber, and Scott et al. anthologies in this list.*

Appen, J.D. 2002. Technical Communication, Knowledge Management, and XML. *Technical Communication*, 49:301-313.

- Banks, A. J. 2006. *Race, rhetoric, and technology: Searching for higher ground*. New York, NY: Routledge.
- Barker, T. T. 2002. *Writing software documentation: A task-oriented approach*, 2<sup>nd</sup> Ed. Boston, MA: Allyn and Bacon.
- Barnum, C. 2002. *Usability Testing and Research*. Allyn & Bacon.
- Bernhardt, S. A. 1993. The shape of text to come: The texture of print on screens. *College composition and communication* 4:151–175.
- Bucchi, M., & Trench, B. 2008. *Handbook of Public Communication of Science & Technology*. Routledge.
- Cairo, A. 2013. *The Functional Art: An Introduction to Information Graphics and Visualization*. New Riders.
- Carliner, S. 2000. Physical, cognitive, and affective: A three-part framework for information design. *Technical Communication*, 47:561–576.
- Cleary, Y., & Flammia, M. 2012. Preparing Technical Communication Students to Function as User Advocates in a Self-Service Society. *Journal of Technical Writing and Communication* 42.3:305-322.
- Derkatch, C. 2016. *Bounding biomedicine: Evidence and rhetoric in the new science of alternative medicine*. Chicago: U of Chicago P.
- Ding, H. 2014. *Rhetoric of a global epidemic: Transcultural communication about SARS*. Carbondale: Southern Illinois UP.
- Dombrowski, P. 2000. *Ethics in Technical Communication*. Allyn & Bacon.
- Dragga, S. & Voss, D. 2001. Cruel Pies: The Inhumanity of Technical Illustrations. *Technical Communication*, 48(3), 265-274.
- Drucker, J. & Svensson, P.B.O. 2016. The why and how of middleware. *Digital Humanities Quarterly*, 10(2).  
<http://www.digitalhumanities.org/dhq/vol/10/2/000248/000248.html>
- Dubinsky, J. M. 2004. *Teaching Technical Communication: Critical Issues for the Classroom*. Bedford/St. Martin's [anthology]

- Durack, K. 1997. Gender, technology and the history of technical communication. *Technical Communication Quarterly*, 6(3), 249–260. doi:10.1207/s15427625tcq0603\_2
- Fischhoff, B. 2013. The sciences of science communication. *Proceedings of the National Academy of Sciences*, 110:14033–14039.
- Flammia, M., & St. Amant, K. (2013) Leadership in Globally Distributed Virtual Teams: Redefining the Qualities of an Effective Leader and Strategies for Effective Management. *Collaborative Communication Processes and Decision Making in Organizations*. Eds. E. Nikoi and K. Boateng. Hershey, PA: IGI Global. 140-157.
- Fujimura, J. 1992. Crafting Science: Standardized Packages, Boundary Objects, and ‘Translation’. In *Science as Practice and Culture*. Ed. Andrew Pickering. Chicago: U of Chicago Press.
- Grabill, J. T., & Simmons, W. M. 1998. Toward a critical rhetoric of risk communication: Producing citizens and the role of technical communicators. *Technical Communication Quarterly*, 7:415–441.
- Gross, A. 2006. *Starring the Text: The Place of Rhetoric in Science Studies*. Southern Illinois University Press.
- Haas, A. M. 2012. Race, rhetoric, and technology: A case study of decolonial technical communication theory, methodology, and pedagogy. *Journal of Business and Technical Communication*, 26(3), 277-310.
- Hackos, J. T. 1994. *Managing your documentation projects*. New York, NY: John Wiley & Sons.
- Hoft, N. L. 1995. *International technical communication: How to export information about high technology*. New York, NY: John Wiley & Sons.
- Holton, G. 1998. *Science and Anti-Science*. Cambridge: Harvard.
- Johnson, R. R. 1998. *User-centered technology: A rhetorical theory for computers and other mundane artifacts*. Albany, NY: State University of New York Press.
- Johnson-Eilola, J. 1996. Relocating the value of work: Technical communication in a post-industrial age. *Technical communication quarterly* 5:245–270.
- Johnson-Eilola, J. & Selber, S. 2004. *Central Works in Technical Communication*. Oxford U. Press [anthology]

- Johnson-Sheehan, R. 2000. *Writing Proposals*. Longman.
- Jones, D. 1998. *Technical Writing Style*. Allyn & Bacon.
- Jones, D. 2013 Expanding the Scaffolding for the Online Undergraduate Technical Communication Course. *Online Education 2.0: Evolving, Adapting, and Reinventing Online Technical Communication*, eds. K. Cargile-Cook and K. Grant-Davie, Baywood Press.
- Jones, N., Moore, K., & Walton, R. 2016. Disrupting the past to disrupt the future: An antenarrative of technical communication. *Technical Communication Quarterly*, 25:211-229.
- Kostelnick, C. 2008. The visual rhetoric of data displays: The conundrum of clarity. *IEEE Transactions on Professional Communication*, 51, 116–130.
- Krug, S. 2000. *Don't make me think! A common sense approach to Web usability*. Indianapolis: New Riders Publishing.
- Lay, M. 1991. Feminist theory and the redefinition of technical communication. *Journal of Business and Technical Communication* 5:348–370.
- McDaniel, R. 2009. Making the Most of Interactivity Online Version 2.0. *Technical Communication* 56:370-386.
- Melonçon, L. (Ed.). 2014. *Rhetorical accessibility: At the intersection of technical communication and disability studies*. Routledge.
- Miller, C. R. 1979. A humanistic rationale for technical writing. *College English* 40:610-617.
- Morgan, M. G., Fischhoff, B., Bostrom, A., & Atman, C. J. 2002. *Risk communication*. Cambridge, England: Cambridge University Press.
- Nielsen, J. 2000. *Designing Web Usability*. Indianapolis, IN: New Riders Publishing.
- Rawlins, J. D., & Wilson, G. D. 2014. Agency and interactive data displays: Internet graphics as co-created rhetorical spaces. *Technical Communication Quarterly*, 23:303–322.
- Redish, J. C. 2000. What is information design? *Technical communication* 47:163–166.

- Roth, W.-M. & Lee, S. 2002. Scientific Literacy as Collective Praxis. *Public Understanding of Science* 11: 33-56.
- Rude, C. D. 2010. *Technical editing*. 5<sup>th</sup> Ed. Boston, MA: Allyn and Bacon.
- Salvo, M. J. 2001. Ethics of engagement: User-centered design and rhetorical methodology. *Technical Communication Quarterly*, 10(3), 273–290.
- Schriver, K. A. 1997. *Dynamics in document design*. New York, NY: John Wiley & Sons.
- Scott, J. B., Longo, B., and Wills, K. (Eds.). 2007. *Critical power tools: Technical communication and cultural studies*. Albany: SUNY Press.
- Selfe, C. L. & Selfe, R. J. 1994. The Politics of the Interface: Power and Its Exercise in Electronic Contact Zones. *College Composition and Communication* 45:480-504.
- Shneiderman, B. 1998. *Designing the user interface: Strategies for effective human-computer interaction*. 3rd ed. Reading, MA: Addison-Wesley Longman
- Slack, J. D., Miller, D. J., & Doak, J. 1993. The technical communicator as author: Meaning, power, authority. *Journal of Business and Technical Communication* 7:12–36.
- Stephens, S. H., DeLorme, D. E. & Hagen, S.C. 2014. An analysis of the narrative-building features of interactive sea level rise viewers. *Science Communication*. 36(6): 675-705.
- Sun, H. 2014. *Cross-cultural technology design: Creating culture-sensitive technology for local users*. New York: Oxford UP.
- Tufte, E. R. 1997. *Visual explanations: Images and quantities, evidence and narrative*. Cheshire, CT: Graphics Press.
- Winsor, D. A. 1990. The construction of knowledge in organizations: Asking the right questions about the *Challenger*. *Journal of Business and Technical Communication* 4:7–20.