

Chapter Notes

Chapter 1: An Overview of Technical Writing

1. Paul V. Anderson, "What Survey Research Tells Us about Writing at Work," in *Writing in Nonacademic Settings*, ed. Lee Odell and Dixie Goswami (New York: Guilford, 1985), 30.
2. Anderson 40.
3. Anderson 54.
4. Philip W. Swain, "Giving Power to Words," *American Journal of Physics* 13 (1945): 320.

Chapter 2: Composing

1. Stephen S. Hall, "Aplysia and Hermissenda," *Science* 85, (May 1985) 33.
2. Lester Faigley and Thomas P. Miller, "What We Learn from Writing on the Job," *College English* 44 (1982): 562–63.
3. Lee Odell, Dixie Goswami, Anne Herrington, and Doris Quick, "Studying Writing in Non-Academic Settings," in *New Essays in Technical and Scientific Communication: Research, Theory, Practice*, ed. Paul V. Anderson, R. John Brockmann, and Carolyn R. Miller (Farmingdale, NY: Baywood, 1983), 27–28.
4. Lillian Bridwell and Ann Duin, "Looking In-Depth at Writers: Computers as Writing Medium and Research Tool," in *Writing On-Line: Using Computers in the Teaching of Writing*, ed. J. L. Collins and E. A. Sommers (Montclair, NJ: Boyton/Cook, 1985), 119.

Chapter 3: Writing Collaboratively

1. In this chapter we are indebted to the following: Rebecca E. Burnett, "Substantive Conflict in a Cooperative Context: A Way to Improve the Collaborative Planning of Workplace Documents," *Technical Communication* 38 (1991): 532–39. Mary Beth Debs, "Collaborative Writing in Industry," in *Technical Writing: Theory and Practice*, ed. Bertie E. Fearing and W. Keats Sparrow (New York: Modern Language Association, 1989), 33–42. *Collaborative Writing in Industry: Investigations in Theory and Practice*, ed. Mary M. Lay and William M. Karis (Amityville, NY: Baywood, 1991). In this anthology, we are particularly indebted to David K. Farkas, "Collaborative Writing, Software Development, and the Universe of Collaborative Activity," 13–30; James R. Weber, "The Construction of Multi-Authored Texts in One Laboratory Setting," 49–64; Barbara Couture and Jone Rymer, "Discourse Interaction between Writer and Supervisor: A Primary Collaboration in Workplace Writing," 87–108; Ann Hill Duin, Linda A. Jorn, and Mark S. DeBower, "Collaborative Writing: Courseware and Telecommunications," 146–169; and William Van Pelt and Alice Gillam, "Peer Collaboration and the Computer-Assisted Classroom: Bridging the Gap between Academia and the Workplace," 170–206. Evelyn Jaffe Schreiber, "Workplace

Teams and Writing Groups: Team Management Theory and the Collaborative Writing Process," *Issues in Writing* 8 (fall/winter 1996): 54–75.

2. Schreiber, 59.
3. *Ibid.*, 58.
4. For more on this, see Edgar R. Thompson, "Ensuring the Success of Peer Revision Groups," in *Focus on Collaborative Learning*, ed. Jeff Golub (Urbana, IL: NCTE, 1988), 109–116.
5. For this exercise we are indebted to Bridget M. Newall, "Evaluating, Web Sites, A Teaching Tip," ed. Gregory A. Wickliff, *Intercom*, June 1999, 34–35, 41.

Chapter 5: Achieving a Readable Style

1. John Henkel, "Drugs of the Deep," *FDA Consumer*, January–February 1998, 30.
2. Dixie Farley, "Bone Builders," *FDA Consumer*, September–October 1997, 27.
3. Steven R. Brantley, *Volcanoes of the United States* (Washington, DC: U.S. Geological Survey, 1994), 39.
4. U.S. Geological Survey, *Our Changing Continent* (Washington, DC: GPO, 1991), 3–4.
5. Janice C. Redish and Jack Selzer, "The Place of Readability Formulas in Technical Communication," *Technical Communication*, 4th quarter, 1985, 49.
6. Francis Christensen, "Notes Toward a New Rhetoric," *College English*, October 1963, 7–18.
7. Daniel B. Felker, Frances Pickering, Veda R. Charrow, V. Melissa Holland, and Janice C. Redish, *Guidelines for Document Designers* (Washington, DC: American Institutes for Research, 1981), 47–48.
8. *Ibid.*, 64.
9. *Ibid.*, 65.
10. Quoted in Janice C. Redish, *The Language of Bureaucracy* (Washington, DC: American Institutes for Research, 1981), 1.
11. CBE Style Manual Committee, *CBE Style Manual*, 5th ed. (Bethesda, MD: Council of Biology Editors, 1983), 38.
12. *Ibid.*, 38.
13. For a perceptive essay on elegant variation, see H. W. Fowler, *A Dictionary of Modern English Usage* (New York: Oxford University Press, 1950), 130–33.
14. The excerpts from the St. Paul Fire and Marine Insurance Company's old and new personal liability catastrophe policy are reprinted with the permission of the St. Paul Companies, St. Paul, MN. 55102.
15. Kenneth W. Houp, Thomas E. Pearsall, Elizabeth Tebeaux, Susan Cody, and Ann Boyd, *Reporting Technical Information*, Canadian ed. (Scarborough, Ontario: Allyn & Bacon Canada, 1996).

16. CBE Style Manual, 36–37. Reproduced with permission from CBE *Style Manual*, 5th edition. Copyright 1983, CBE Style Manual Committee, Council of Biology Editors, Inc.

17. “Planners Outlaw Jargon,” *Plain English*, April 1981, 1.

18. National Institutes of Health, *Inside the Cell* (Washington, DC: Department of Health and Human Services, 1990), 48.

Chapter 6: Writing Ethically

1. In writing this chapter, we have drawn upon the following books and articles: John Bryan, “Down the Slippery Slope: Ethics and the Technical Writer as Marketer,” *Technical Communication Quarterly*, winter 1992, 73–88; Sam Dragg, “A Question of Ethics: Lessons from Technical Communicators on the Job,” *Technical Communication Quarterly*, spring 1997, 161–178; William K. Franken, *Ethics* (Englewood Cliffs, NJ: Prentice-Hall, 1963); Dean G. Hall and Bonnie A. Nelson, “Integrating Professional Ethics into the Technical Writing Course,” *Journal of Technical Writing and Communication* 17 (1987): 45–61; Mike Markel, “A Basic Unit on Ethics for Technical Communicators,” *Journal of Technical Writing and Communication* 21 (1991): 327–50; H. Lee Shimberg, “Ethics and Rhetoric in Technical Writing,” *Technical Communication*, 4th quarter 1978, 16–18; and Arthur E. Walzer, “The Ethics of False Implicature in Technical and Professional Writing,” *Journal of Technical Writing and Communication* 19 (1989): 149–60.

2. George F. R. Ellis, quoted in W. Wayt Gibbs, “Profile: George F. R. Ellis: Thinking Globally, Acting Universally,” *Scientific American*, October 1995, 55.

3. In writing this section on ethical graphics we have drawn on Edward R. Tufte, *The Visual Display of Quantitative Information* (Cheshire, CN: Graphics Press, 1983), 53–87.

4. Engineering Ethics Cases Section, *Online Ethics Center for Engineering and Science*. National Science Foundation. <http://onlineethics.org/cases/engcases.html> (1 February 1999).

5. Environmental Protection Agency, *Consumer’s Guide to Radon Reduction* (Washington, DC: GPO, 1992).

6. The source for this exercise is Gray Matters Mini Cases, *Online Ethics Center for Engineering and Science*. National Science Foundation. <http://onlineethics.org/text/corp/graymatters/case93.html> (7 February 2000).

Chapter 7: Writing for International Readers

1. Geert H. Hofstede, *Culture’s Consequences*, 2d ed. (Thousand Oaks, CA: Sage, 2000), *Cultures and Organizations: Software of the Mind*, London: McGraw-Hill, 1997.

2. Fong Trompenaars, *Riding the Waves of Culture*, 2d ed. (London: The Economist Books, 1993).

3. Edward T. Hall and Mildred Reed Hall, *Understanding Cultural Difference*. (Yarmouth, ME: Intercultural Press, 1990).
4. Lisa Hecklin, *Managing Cultural Differences: Strategies for Competitive Advantage*. (Reading, MA: Addison-Wesley, 1995).
5. *Ibid.*, 35.
6. William Horton, "The Almost Universal Language: Graphics for International Documents," *Technical Communication*, 4th quarter, 1993, 682–693.

Chapter 9: Presenting Information

1. Steven R. Brantley, *Volcanoes of the United States* (Washington, DC: Department of the Interior, Geological Survey, 1995), 20–22.
2. Department of Commerce, *How We're Changing* (Washington, DC: Bureau of the Census, 1997), 1.
3. These quotations are from Geological Survey, *Safety and Survival in an Earthquake* (Washington, DC: GPO, 1991), 3–5.
4. William B. Gudykunst, *Bridging Differences: Effective Intergroup Communication* (Newbury Park, CA: Sage, 1991), 44.
5. Stephan Wilkinson, "Tiny Keys to Our Electronic Future," *Raytheon Magazine*, winter 1985, 4.
6. National Aeronautics and Space Administration, *Exploring the Universe with the Hubble Space Telescope* (Washington, DC: GPO, n.d.), 11.
7. "If All Our Reporters Were Laid End to End," *The Wall Street Journal*, 4 April 1983, 10.
8. Raymond H. Beal, Joe K. Mauldin, and Susan C. Jones, *Subterranean Termites: Their Prevention and Control* (Washington, DC: Department of Agriculture, 1989), 1.
9. Centers for Disease Control, *The Public Health Consequences of Disasters* (Washington, DC: Department of Health and Human Services, 1989), 33.
10. U.S. Congress, Office of Technology Assessment, *Biological Effects of Power Frequency Electric and Magnetic Fields* (Washington, DC: GPO, 1989), 19.
11. National Institutes of Health, *Inside the Cell* (Washington, DC: U.S. Department of Health and Human Services, 1990), 21.
12. Robert I. Tilling, Christina Heliker, and Thomas Wright, *Eruptions of Hawaiian Volcanoes: Past, Present, and Future* (Washington, DC: U.S. Geological Survey, 1987), 17.
13. National Aeronautics and Space Administration, *Planetary Exploration through Year 2000* (Washington, DC: GPO, 1988), 30–31.
14. David L. Wallace and John R. Hayes, "Redefining Revision for Freshmen," *Research in the Teaching of English* 25 (1991), 58–59.

Chapter 10: Analyzing Information

1. Department of the Interior, *Southeast Wetlands* (Washington, DC: GPO, 1994), 7.
2. Office of Technology Assessment, *Advanced Automotive Technology* (Washington, DC: GPO, 1995), 1–2
3. Department of Energy, *Earth-Sheltered Homes* (Washington, DC: GPO, 1997), 1–2, 8.
4. W. Jacquelyne Kious and Robert I. Tilling, *This Dynamic Earth* (Washington, DC: Department of the Interior, Geological Survey, n.d.), 1.
5. Department of State, Bureau of Oceans and International Environmental and Scientific Affairs, *Environmental Diplomacy* (Washington, DC: GPO, 1997), 14–15.
6. Lucy E. Edwards and John Pojeta, Jr., *Fossils, Rocks, and Time* (Washington, DC: Department of the Interior, Geological Survey, 1993), 11.
7. For a more detailed explanation of Toulmin logic, see Steven Toulmin, Richard Rieke, and Allan Janik, *An Introduction to Reasoning*, 2d ed. (New York: Macmillan, 1984) and Stephen Toulmin, *The Uses of Argument* (Cambridge: Cambridge University Press, 1958).
8. “Are We Seeing Global Warming,” *Science*, 9 May 1997, 915.
9. Michael D. Lemmick, “Hot Air in Kyoto,” *Time*, 8 Dec 1997, 79.
10. Gregg Easterbrook, “Hot Air Treaty,” *U.S. News & World Report*, 22 Dec 1997, 46.
11. Quoted in Richard A. Kerr, “Greenhouse Forecasting Still Cloudy,” *Science*, 16 May 1997, 1042.
12. Quoted in Kerr 1042.
13. Thomas R. Carl, Neville Nichols, and Jonathan Gregory, “The Coming Climate,” *Scientific American*, May 1997, 83.
14. “Science and Solutions,” *Global Climate Change*, 1997. fe.doe.gov/issues/globalclimate_intro.html (10 Jan 1999).

Chapter 11: Document Design

1. For a rationale for teaching design, see Stephen A. Bernhardt, “Seeing the Text,” *College Composition and Communication* 37 (1986): 66–78. For a research-based summary of document design principles for paper documents, see Philippa J. Benson, “Writing Visually: Design Considerations in *Technical Publications*,” *Technical Communication* 32, 4 (1985) 35–39.
2. Janice C. Redish, “Understanding Readers,” in *Techniques for Technical Communicators*, ed. Carol Barnum and Saul Carliner (New York: Macmillan, 1993), 14–41.
3. William Horton lists many types of online documentation in his book, *Designing and Writing Online Documentation*, 2d ed. (New York: Wiley, 1994).
4. R. Kruk and P. Muter, “Reading of Continuous Text on Video Screens,” *Human Factors* 26.3 (1984): 339–45; John Gould, “Why Is Reading Slower from CRT Screens Than from Paper?” *Proceedings of the Human Factors Society, 30th Annual Meeting* (Dayton, OH, Human Factors Society, 1986) 834–35.

5. Thomas N. Huckin, "A Cognitive Approach to Readability," in *New Essays in Technical and Scientific Communication: Research, Theory, and Practice*, ed. Paul V. Anderson, R. John Brockmann, and Carolyn R. Miller (Farmingdale, NY: Baywood, 1983) 90–101; Janice C. Redish, Robin M. Battison, and Edward S. Gold, "Making Information Accessible to Readers," in *Writing in Non-Academic Settings*, ed. Lee Odell and Dixie Goswami (New York: Guilford, 1985), 129–53.

6. These books will give you more information about designing effective paper documents: Jan V. White, *Graphic Design for the Electronic Age* (New York: Watson-Guptill, 1988); and John Miles, *Design for Desktop Publishing* (San Francisco: Chronicle Books, 1987). These books will give you more information about designing effective online documents, help screens, and World Wide Web pages: Horton, *Online*; William K. Horton, Lee Taylor, Arthur Ignacio, and Nancy L. Hoft, *The World Wide Web Cookbook* (New York: Wiley, 1996). For information on the WWW about designing Web pages, check the links that are available through the home page of the Society for Technical Communication at <http://stc.org>.

7. White 20.

8. Rolf F. Rehe, *Typography: How to Make It Most Legible*, 3rd ed. (Carmel, IN: Design Research International, 1979), 34; Elizabeth Keyes, "Typography, Color, and Information Structure," *Technical Communication* 40.4 (1993): 638–54; and Elizabeth Keyes, David Sykes, and Elain Lewis, "Technology + Design + Research = Information Design," *Text, ConText, and HyperText*, ed. Edward Barrett (Cambridge, MA: MIT Press, 1988), 251–64.

9. M. Gregory and E. C. Poulton, "Even Versus Uneven Right Margins and the Rate of Comprehension in Reading," *Ergonomics* (1970): 427–34; Rehe 34.

10. M. A. Tinker, *Legibility of Print* (Ames, IA: Iowa State University Press, 1969); J. Foster and P. Coles, "An Experimental Study of Typographical Cueing in Printed Text," *Ergonomics* (1977): 57–66.

11. For more on using color effectively, see also Gerald M. Murch, "Using Color Effectively: Designing to Human Specifications," *Technical Communication* 32.4 (1985): 14–20; Horton, *Online*, 241–45; Horton et al., *Web Cookbook*, 242–43, 420–21.

12. Linda Flower, John R. Hayes, and Heidi Swarts, "in Revising Functional Documents: The Scenario Principle," *New Essays in Technical and Scientific Communication: Research, Theory, and Practice*, ed. Paul V. Anderson, R. John Brockmann, and Carolyn R. Miller (Farmingdale, NY: Baywood, 1983), 41–58.

13. White 95–106; Miles 42–46.

Chapter 14: The Strategies and Communications of the Job Hunt

1. In writing this chapter, we have drawn upon three publications from the U.S. Department of Labor: *Job Search Guide: Strategies for Professionals* (Washington, DC: GPO, 1993), *Tips for Finding the Right Job* (Washington, DC: GPO, 1992), and *Tomorrow's Jobs* (Washington, DC: GPO, 1998).

2. *Job Search Guide*, 24–25.
3. *Job Search Guide*, 22.
4. Avery Comarow, “Tracking the Elusive Job,” *The Graduate* (Knoxville: Approach 13-30 Corporation, 1977), 42.

Chapter 17: Empirical Research Reports

1. Deborah Hicks, “Working through Discourse Genres in School,” *Research in the Teaching of English* 31 (1997): 490.
2. Nathalie Goubert and Rachel K. Clifton, “Object and Event Representation in 6 1/2-Month-Old Infants,” *Developmental Psychology* 34 (1998): 64–65.
3. Leslie K. Johnson, “Sexual Selection in a Brentid Weevil,” *Evolution* 36 (1982): 251.
4. Rod Judkins, “Iron Aluminum Filters for Advanced PFBCs,” ID 33106, Office of Fossil Energy, Department of Energy. <http://www.fe.doe.gov/> (5 March 2000).
5. J. J. Bull, R. C. Vogt, and C. J. McCoy, “Sex Determining Temperatures in Turtles: A Geographic Comparison,” *Evolution* 36 (1982): 326.
6. Gerald L. Chan and John B. Little, “Further Studies on the Survival of Non-Proliferating Diploid Fibroblasts Irradiated with Ultraviolet Light,” *International Journal of Radiation Biology* 41 (1982): 360.
7. Sylvie Pouteau, Fiona Tooke, and Nicholas Battey, “Quantitative Control of Inflorescence Formation in *Impatiens balsamina*,” *Plant Physiology* 118 (1998): 1192.

Chapter 18: Instructions

1. G. B. Harrison, *Profession of English* (New York: Harcourt, 1962), 149.
2. The questions posed here are based on questions presented by Janice C. Redish, Robbin M. Battison, and Edward S. Gold, “Making Information Accessible to Readers,” *Writing in Nonacademic Settings*, ed. Lee Odell and Dixie Goswami (New York: Guilford, 1985), 139–43.
3. Dwayne Isbell, *Hybrid Touch/Sound System Installation*, 1. Student paper reprinted by permission.
4. Department of Health and Human Services, *Eating to Lower Your High Blood Cholesterol* (Washington, DC: GPO, 1989), 1.
5. Isbell, 1.
6. Adapted from Environmental Protection Agency, *Manual of Individual and Non-Public Water Supply Systems* (Washington, DC: GPO, 1991), 55–56.
7. Shoe box for Sebago Docksiders.
8. Charles H. Sides, *How to Write Papers and Reports About Computer Technology* (Philadelphia: ISI, 1984), 70.
9. Environmental Protection Agency, *Citizen’s Guide to Pesticides* (Washington, DC: GPO, 1991), 8.

10. Department of Agriculture, *Simple Home Repairs: Inside* (Washington, DC: GPO, 1986), 7–8.

11. *Ibid.*, 16.

12. Protocol analysis material furnished by Professor Victoria Mikelonis, U of Minnesota, St. Paul, MN.

13. For this exercise we are indebted to Stephanie Zerkel, “Technical Writing for Non-Traditional Students,” A Teaching Tip, ed. Gregory A. Wickliff, *Intercom*, May 1998, 34–35.

Chapter 19: Oral Reports

1. These introspections were compiled at a session of the National Training Laboratory in Group Development in Bethel, Maine, which one of the authors attended.

2. The material on visual aids was adapted from material especially prepared for this chapter by Professor James Connolly of the University of Minnesota.

Appendix A: Handbook

1. *Publication Manual of the American Psychological Association*, 4th ed. (Washington, DC: APA, 1994), 83.

2. Department of Energy, *EMF in the Workplace* (Washington, DC: National Institute for Occupational Health and Safety, 1996), 5.

3. Minna Levine, “Business Statistics,” *MacUser*, April 1990, 128.

4. Levine, 120.

Appendix B: Formal Elements of Document Design

1. Audrey T. Hingley, “Preventing Childhood Poisoning,” *FDA Consumer*, March 1996, 7.

2. U.S. Department of Labor, *Job Search Guide: Strategies for Professionals* (Washington, DC: GPO, 1993), 2.

3. Lenore S. Ridgway, Roger A. Grice, and Emilie Gould, “I’m OK; You’re Only a User: A Transactional Analysis of Computer–Human Dialogs,” *Technical Communication* 39 (1992): 39.

4. Laurel L. Northouse, “Breast Cancer in Younger Women: Effects on Interpersonal and Family Relationships,” *Monographs: Journal of the National Cancer Institute* 16 (1994): 183.

5. David R. Russell, “The Ethics of Teaching Ethics in Professional Communication: The Case of Engineering Publicity at MIT in the 1920s,” *Journal of Business and Technical Communication* 7 (1993): 84–85. Reprinted by permission.

6. This excerpt and the one preceding it are from Warrick R. Nelson, “Trees Grow Better with Water,” *Tree Planter’s Notes*, 46 (1995): 46–47.

7. Russell, 107.

8. J. J. Bull, R. C. Vogt, and C. J. McCoy, "Sex Determining Temperatures in Turtles: A Geographic Comparison," *Evolution* 36 (1982): 331.

9. *The Chicago Manual of Style*, 14th ed. (Chicago: University of Chicago Press, 1993), 487–635.

10. *Ibid.*, 637–699.

11. *Publication Manual of the American Psychological Association*, 4th ed. (Washington, DC: APA, 1994).

12. Janice R. Walker, *The Columbia Guide to Online Style*, 1996. Jwalker@chuma.cas.usf.edu (20 January 1999) and *ISO 690-2*, 1998. nlc-bnc.ca/iso/tc46sc9/standard/690-2ex.htm (22 January 1999).

PLANNING AND REVISION CHECKLISTS

The following questions are a summary of the key points in Chapter 2, Composing, and Chapter 3, Writing Collaboratively. They provide a planning and revision checklist you can use when you are composing. Questions that apply to collaborative writing only are preceded by an asterisk.

Situational Analysis

- ★ Has the group appointed a recorder to capture the group's ideas during the planning process?
- What is your topic?
- Why are you writing about this topic? What is your purpose (or purposes)?
- What are your readers' educational levels? What are their knowledge and experience in the subject matter area?
- What will your readers do with the information? What is their purpose?
- Do your readers have any expectations as to style and tone (serious, light, formal)?
- What is your relationship to your readers? How will this relationship affect your approach to them?
- What are your readers' attitudes about what you are going to say?
- Do you have an international audience whose culture may differ from that of the United States?

Discovery

- What discovery approach can you use? Brainstorming? Using arrangement patterns? Other?
- Are there documents similar to the one you are planning that would help you?
- Do you have notes or journal entries available?
- What questions are your readers likely to want answered?
- Do you have all the information you need? If not, where can you find it? People? Library? Laboratory research? World Wide Web?

Arrangement

- Are there standard arrangement patterns that would help you—for example, instructions, argument, proposals?
- Will you need to modify any such standard pattern to suit your needs?
- Do you need a formal outline?
- When completed, does your organizational plan fit your topic, material, purpose, and audience?
- What headings and subheadings will you use to reveal your organization and content to your readers?
- Is everything in your plan relevant to your topic, purpose, and audience?
- Have you planned for graphics?
- If you have a formal outline, does it follow outlining conventions? Are entries grammatically parallel? Is each section divided into at least two parts? Have you used correct capitalization? Are entries substantive?
- ★ At the end of the planning process, does the group have an organizational plan sufficiently complete to serve as a basis for evaluation?

Drafting

- ★ How will the group approach the drafting stage? By dividing the work among different writers? By writing together as a group? By assigning the work to one person?
- ★ Has the group agreed on format elements such as spacing, typography, table and graph design, headings, and documentation?
- ★ Has the group set deadlines for the work to be completed?
- ★ Should the group appoint a coordinator for the project?
- Do you have a comfortable place to work?
- Where in your organizational plan can you begin confidently?

Revision

- Have you stated clearly and specifically the purpose of the report?
- Have you put into the report everything required? Do you have sufficient supporting evidence? Have you stated the implications of your information clearly?
- Are all your facts and numbers accurate?
- Have you answered the questions your readers are likely to have?
- Does the report contain anything that you would do well to cut out?
- Does your organization suit the needs of your content and your audience?
- Are your paragraphs clear, well organized, and of reasonable length? Are there suitable transitions from one point to the next?
- Is your prose style clear and readable?
- Is your tone appropriate to your audience?
- Have you satisfied the needs of an international audience?

- Are all your statements ethical? For example, have you avoided making ambiguous statements or statements that deliberately lead the reader to faulty inferences?
- Are your graphs and tables clear and accurate? Are they well placed? Do they present your information honestly?
- Is your document readable, accessible, and visually effective?
- Are there people you should share your draft with—for example, members of the target audience—before going on to a final draft?

Editing

- Have you checked thoroughly for misspellings and other mechanical errors?
- Have you included all the formal elements that your report needs?
- Are design elements such as headings, margins, spacing, typefaces, and documentation consistent throughout the draft?
- Are your headings and titles clear, properly worded, and parallel? Do your headings in the text match those in the table of contents?
- Is your documentation system the one required? Have you documented wherever appropriate? Do the numbers in the text match those in the notes?
- Have you keyed the tables and figures into your text, and have you sufficiently discussed them?
- Are all parts and pages of the manuscript in the correct order?
- Will the format of the typed or printed report be functional, clear, and attractive?
- Does your manuscript satisfy stylebook specifications governing it?
- Have you included required notices, distribution lists, and identifying code numbers?
- Do you have written permission to reproduce extended quotations or other matter under copyright? (Permission is necessary only when your work is to be published or copyrighted.)
- While you were composing the manuscript, did you have any doubts or misgivings that you should now check out?
- Have you edited your manuscript for matters both large and small?
- What remains to be done (such as proofreading the final copy)?

PROOFREADER'S SYMBOLS

- ^ Insert here the addition or correction indicated in margin.
- out see copy* Something omitted at point indicated in text; see copy.
- Take out; delete matter indicated.
- Close up; no space.
- Take out character indicated in text and close up.
- Insert a space here; increase spacing.
- Make a paragraph here.
- No new paragraph; run in same paragraph.

Transpose letters or words indicated in text.
 Transpose these letters.
 Transpose these words.
 Marginal question to author.
sp Spell out.
stet Let it stand; restore crossed out letters or words.
 Retain letters or words above these dots.
 Insert comma.
 Insert period.
 Insert colon.
 Insert semicolon.
 Insert apostrophe.
 Insert hyphen.
 Insert question mark.
 Insert quotation marks.
 Insert exclamation mark.
 Insert parentheses.
 Insert brackets.
 Move to right.
 Move to left.
 Raise.
 Lower.
 Upside down; reverse.
 Character appears broken; check.
ital Change to italic type.
rom Change to roman type.
caps Set in capitals.
sm caps Set in small capitals.
lc Set in lowercase.
 (Under a letter or word) Set in italic type.
 (Under a letter or word) Set in small capitals.
 (Under a letter or word) Set in capitals.
 (Under a letter or word) Set in boldface type.
 Line up properly.
 Straighten line.

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