

University of Maryland
Department of Civil and Environmental Engineering
ENCE 100 – Introduction to Civil and Environmental Engineering

Book Review
Due: May 12, 2003

Book reports should be double-spaced. Complete bibliographic information should be provided at the top of the first page. Information to be included is the author(s), the book title, the name and location, and the year of the publication.

Summary:

Provide a summary of the book, approximately 500 words, that discusses the central theme of the book as it relates to engineers or the engineering profession. For example, the historic role of engineers in the development of our culture, the role of engineers in forming public policy, or the ethical obligations of engineers in their practice.

Implications:

Provide a brief statement, approximately 200 words, of the important lessons that you learned that would be relevant to your future as an engineer.

Evaluation:

Would you recommend this book to others? Who is the most appropriate audience for this book? Provide a brief statement as to whether or not reading the book was worthwhile, clearly indicating why or why not?

Sample Book Titles:

You are encouraged to select a title from the list below. If you wish to review a different book for this assignment please talk with me to confirm that your book will be acceptable.

- Erikson, Kai T; *Everything in its Path*; Simon and Schuster; New York; 1976.
- Federal Emergency Management Agency (FEMA); *World Trade Center Building Performance Study*; 2002.
- Florman, Samuel C.; *The Existential Pleasures of Engineering*; St. Martin's Press; New York; 1976.
- Florman, Samuel, C.; *Blaming Technology*, St. Martin's Press; New York; 1981.
- Florman, Samuel C.; *The Civilized Engineer*, St. Martin's Press; New York; 1987.
- Fredrich, Augustine J. (editor); *Sons of Martha; Civil Engineering Readings in Modern Literature*; American Society of Civil Engineers; New York; 1989.
- Gunn, A.S. and A. Vesilind; *Environmental Ethics for Engineers*; Lewis Publishers; 1986.
- McCullough, David G.; *The Johnstown Flood*; Simon and Schuster; New York; 1968.
- McPhee, John; *The Control of Nature*; Farrar Straus Giroux; New York; 1989.
- Petroski, Henry; *To Engineer is Human*; St. Martin's Press; New York; 1985.