Getting Started: Selected Resources for New Instructors of Ethics in Science, and Engineering and Computing

Michael C. Loui
Department of Electrical and Computer Engineering, and Coordinated Science Laboratory
University of Illinois at Urbana-Champaign

June 2011

This short list of basic resources is intended to help the new instructor of ethics in science, engineering, and computing.

1. Ethics in Science

Short booklets on responsible conduct of research


Full textbooks on responsible conduct of research


Online courses on responsible conduct of research (non-credit)

Responsible Conduct of Research, Columbia University http://ccnmtl.columbia.edu/projects/rcr/
Advice for instructors of research ethics

Resources for Research Ethics Education
http://research-ethics.net/

Poynter Center for the Study of Ethics and American Institutions, Indiana University
http://poynter.indiana.edu/tre/resources.shtml

2. Ethics in Engineering

Short textbooks on engineering ethics


Full textbooks on engineering ethics


Videos of engineering ethics cases

*Gilbane Gold* (1989)
*Incident at Morales* (2003)
*Henry’s Daughters* (2010)

All three are available from the National Institute for Engineering Ethics (http://www.niee.org).

Full disclosure: I am a member of the Executive Board of the National Institute for Engineering Ethics

Advice for instructors of engineering ethics

3. Ethics in Computing

Short textbook on computer ethics


Full textbooks on computer ethics

