Educating scientists and engineers with respect to the ethical implications of their professional actions is an increasingly urgent, demanding, and complex task. It is a disservice to scientist, engineers, and society if they inadequately grasp the ethical significance of the work they do. Education in ethics in engineering and the sciences has been recognized as intrinsically important. The Center for Science, Technology, Ethics, and Policy at The University of Texas at El Paso (UTEP) brings together scientists, engineers, and philosophers from the academic, industrial, and public policy domains to focus on training both graduate students and faculty in ethical issues related to science and engineering. This training will focus on the rigorous development of ethical thought as applied to current topics in the science, engineering, and technology sectors. Because education in ethics necessarily involves subjectivity as well as objective factors, an innovative assessment of student development that integrates both quantitative and qualitative approaches needs to be made in order to evaluate the efficacy of this approach. This paper describes the center and some of the main projects that we are developing.

**Mission/Objective**

- The CSTEP is dedicated to the identification, evaluation, discussion, and implementation of emerging ethical issues in science, engineering, and technology.
- At CSTEP we explore the ethical implications of how the domains of academia, technology, science, and industry are embedded in each other.
- At CSTEP we focus in three main solid project lines: bio-ethics, ethics and engineering, and environmental ethics. In order to achieve our mission, we develop research, teach, and organize workshops for students and experts in different fields.

**Workshops**

Workshops focus on ethical issues related to the engineering disciplines. Distinguished speakers are invited to present on specific topics related to their areas of expertise.

Professionals attending the workshops receive 1.5 hrs of continuing education credits for ethical training. In the past year two main workshops were offered:

- Current Bridge Building and Bridge Failures: Ethical choices and Public Policy, May 2008, UTEP, El Paso TX.

**E-zine Journal**

*Young Scientists and the Ethics of Current Science* is an electronic journal (e-zine) that is written, edited, peer-reviewed, and produced by students working with faculty. Several students from the U.S. and Canada, Mexico, and the United States, who have completed courses related to interdisciplinary topics such as bioethics, ethics, and computer ethics.

One of the goals of CSTEP is to involve students in multidisciplinary programs to bring together several perspectives on ethical and social issues in the science, technology, and engineering. Young Scientists and the Ethics of Current Science is the result of CSTEP's efforts to achieve this goal. CSTEP and the North American Mobility Project (N.A.M.P) sponsor this e-zine.

**E-zine issues contains the following articles**

- Bio-Ethics Issue 1, Fall 2007
  - Artificial Reproductive Technology and its Implications
  - Ethical Elements in Contemporary Health Care
  - The Use and Abuse of Science
  - Ethical Issues with Informed Consent
  - What are stem cells

- Ethics and Engineering Issue 2, Summer 2008 (to appear)
  - Ethical Implications of the Integration of Artificial Intelligence
  - Ethical Considerations of Virtual Environments
  - Towards defining the ethical boundaries in online social networks
  - Breaking Encrypted Messages-Ethical or not?
  - Ethical Issues Regarding the Persuasive Technology

**References**

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