

Research Paper / Link Project

Engr 19/301

The research paper assignment presents you with an opportunity to investigate a technology issue with which you are most interested. This paper should be an analytical essay, i.e., an in-depth discussion that also defends a particular position. This research paper must utilize *at least two* high quality academic sources outside of the required readings. The course textbooks will help you identify appropriate sources (e.g., the journals that originally published the articles, footnoted material, and lists of supplementary reading), and may contain non-assigned readings pertinent to your topic. This paper should be consistent with University guidelines for research papers. Both form and content are important for the success of this assignment. The research paper shall utilize HTML as the presentation medium. Correct spelling, grammar, and citation of sources are expected. You will receive a more detailed set of instructions later in the quarter. This paper should be 5-10 pages in length.

Topics might include:

Earthquake Ethics

Automotive Ethics

Handheld Technology

Encryption/Privacy Technology

Genetic/Biological Technology

Gulf War Syndrome

Military Weapon Technology

Agricultural Technology

Etc.

Database of Ethics in Technology Links: This is a twofold project:

1. The first portion project will consist of the student creating a database of at least 20 links. These links should be **quality** links dealing with Technology (ideally emerging technology) and Ethics. The quality of the link will be judged by reputability of the source and its relevancy to emerging technologies and the ethics of their development and use.
The links should not consist of newspaper articles unless they are permanent. (Newspaper articles tend to go dead after a very short period of time.)
A sizeable database already exists and you will be adding to it.
2. The database display project will consist of creating a series of MS-Access queries of the link database and displaying the results in an MS-Access report. Each report page will present the data in a different manner based on the sort selection criteria requested by the user.