Principles of Physics – Report

You will be required to prepare one of three types of report by reviewing a:

- journal article and address either how the physics in it relates to your major or how physics informs your understanding of the article on a subject in you major. This paper is an opportunity for you to explore how the things that you are learning in this class relate to your field of study.

- journal article and address the societal or ethical implications of science in the article. This paper is an opportunity to explore how science informs your understanding of the greater world and your role as a citizen. This report could include an exploration of how the ideas you are learning in this class influence your interpretation of the ethical and/or societal imact of science.

- talk given in the physics department.

The articles must each be at least two pages long and taken from a recent (within the past year) journal such as *Scientific American, Nature, Physics Today, American Journal of Physics, Discover, The Physics Teacher, Physics World, New Scientist, Astronomy, Technology in Society, Technology Review*, or *Sky and Telescope*.

You will submit your two page report with **along with a copy of your source article(s)**. The report will have: your name, date, the type of report (Major, Societal/Ethical, or talk), and either the bibliographic citation for your source(s) or the speaker title and date all at the top right corner. The report will consist of a concise (one page or less) summary of and the remainder of the report is a brief reaction to the source. If your report cites two sources the summary should integrate the information from the two articles instead of including two separate summaries. The report is due near the **middle of April**, see syllabus for the specific date.

Reports will be graded on a 0-5 scale considering the following:

- Format followed, citations complete.

- Summary accurately reflects the original source.

- Reaction well reasoned.

- Correct grammar and spelling used.

- Written with clarity.