

Principles of Physics II Reports

You will be required to prepare each of the following three types of reports:

- Review a journal article relating to physics and address how it relates to your major.
- Review a journal article and address the societal or ethical implications of science in the article.
- Review a talk or poster given at the Undergraduate Research and Arts Celebration (URAC) on April 27, 2011.

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*, *Physics Education*, *New Scientist*, *Astronomy*, or *Sky and Telescope*.

Note: if you find an interesting article that pertains to physics from another source (e.g. a newspaper or an online source) you may use that article but you must also find second source for you information and **discuss the reliability of the sources**.

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 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.

Each report is due at the latest by: report 1–March 11th, report 2–April 15th, and URAC report–April 28th (date is not a typo). **Reports will be accepted and welcome before those dates.**

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.

If you have presented at URAC you can submit a written version of your talk or a 8.5x11 version of your poster for 2.5 bonus points.