General Requirements

You are to write a summary of the three journal articles you have chosen about your selected object. Think of your classmates in this course as your audience and write your paper at the level you would use to explain to them what you have learned about the object from the journal articles, drawing on the background you now have from what we have covered in this course.

In the spirit of page limits that are usually placed on grant proposals, the report must not be longer than 4 pages (single-spaced, 1-inch margins), including figures and references. In addition, it should be at least 3 pages. Do not include a separate cover page. Simply put the title at the top of the first page, with your name just below.

Submit a hardcopy of your report in class, preferably printed double sided. Please do not use any binder other than a single staple in the upper left corner.

Resources and Attribution (Referencing)

Although the purpose of your project is to describe the three selected journal articles, you are welcome to use other resources, in addition, to provide background about the object. Be attentive to properly documenting the resources you use. Also, make sure that it is clear from your text and references which are the three journal articles that your paper is primarily about.

Use the *Astrophysical Journal* style for references, in which articles are identified in the text by author and year, and references are listed at the end of the paper in alphabetical order by author. Follow the *Astrophysical Journal* style for the contents, order and abbreviations of the references, as well. As an example, the paper “Multiwavelength Observations of Strong Flares from the TeV Blazar 1ES 1959+650,” by H. Krawczynski et al. would be sited in the text as ”Krawczynski et al. 2004”:

The blazar 1ES 1959+650 had strong flares in TeV energy gamma rays in 2002 (Krawczynski et al. 2004).

or

Krawczynski et al. 2004 report results from the Whipple 10 m Cherenkov telescope on observations of 1ES 1959+650 in 2002.

You use parentheses when the reference is not part of the sentence, like a footnote, and you put the reference directly in the sentence without parentheses when you want to use the paper as a noun in the sentence. The reference to this paper in the list at the end would read:

If you have more than one paper with the same authors and same year, you use lower case "a," "b," etc. attached to the year to distinguish them: Krawczynski et al. 2004a and Krawczynski et al. 2004b.

Web sites are referenced by footnotes and are not included in the references at the end of the paper. The web should be treated with some skepticism as a source of material. wikipedia can be a useful starting point to learn about a topic, but can’t really be taken seriously as a scholarly resource.

You make sure to should document with references all the materials you use, including web sites. In particular, be sure to include the source of any figures or diagrams you use which you did not create yourself. You can do this with a parenthetical remark at the end of the figure caption, e.g., "(figure from Krawczynski et al. 2004)."

Please contact me if you have trouble finding literature for your project, so that we can discuss possible sources of material and what is available, or if you have questions about proper attribution of source material. But don’t wait until the last week!

Late Papers
Late projects must be submitted electronically to daw@scipp.ucsc.edu, by sending an e-mail with the project as an attachment in PDF format. They will be marked down 1/3 of a grade (e.g. from B+ to B) for each 8 hours or fraction thereof they are late, based on the time the e-mail containing the attachment in the proper format is received. Do not submit late hard copies in my mail box or under my office door.