Homework 3 due Tues., Nov. 27 (9:30 AM)

Prepare a brief (1-2 pages maximum) report on some particularly interesting compact star: a white dwarf, neutron star, or black hole. It can be an isolated object or in a binary system. Once again, making an original and imaginative choice will be favored in the scoring: I do *not* want to receive 20 reports on the first object that pops up on a Google search. Write a hand-written report – *must* be turned in as hardcopy and on time - **NO** exceptions! – that describes the object's properties, using what you have learned in this class. You must cite your sources explicitly – give the url's, etc.

Homework 3 Criteria: OCC

- Originality. I do not want to see many reports on the same famous object. If there are such duplications, these reports *will be carefully scrutinized* for excessive similarity. If this is found, the reports will get zeros.

- **Clarity** of summaries and explanations. The report should be well organized, not slapped together. *The source of information (websites) must be cited.*

- **Connection** to what we have learned in Ast 309N. You don't have to be an expert, just show that you can apply some of the ideas we have covered, and relate them to the properties or measurements of the object.