Astr 150 Assignment 7: phenomena of nature
due Thurs Mar 5, 2009

Word limit: 250

Answer the following questions:

1. List ten events in the natural world that suggest that there is some sort of order or regularity in the universe. You do not need to describe the events, just give enough information to show that you understand what you are listing; an example list item would be “Moon phases repeat every 29.5 days.”

2. The ancient Greeks discarded mythology as a way to explain natural phenomena. How did this change of mindset enable Greek science to flourish?

3. Extra credit question: what is the origin of the names of the days of the week? With which planet is each day associated? Cite your references. This question is exempt from the word limit.

Requirements for a good assignment

• The assignment must be completely original work. The assignment will be graded strictly, as expected for a university-level course. The assignment is graded out of 30 points.
• At the top of your paper: have your name, SID, an assignment number or title, and a word count. Unless otherwise stated, use question-and-answer format when writing your assignment, do NOT hand in a run-on paragraph (50% penalty).
• Be typed, double-spaced, and two-sided. Assignments longer than the word limit will receive zero credit. If a diagram is required, it must be neatly drawn (use rulers, compasses) and completely labelled.
• Use quotations only to illustrate your point, not to make it. If you are unclear about this requirement, then speak with the instructor.
• Show completeness of information, conciseness of expression, have a logical development of ideas, and evidence of thought regarding the content.
• Be professional of presentation, e.g., no ragged ends, creases, or ink blobs on the paper.
• If you reference any written sources at all, then you must give a bibliographic entry.
• In all ways, the author should show pride in his/her work.