Design-A-Lifeform Project

AST 2037 – 15 November 2012

Due in class Tuesday 04 December 2012

**Goal:** Design an alien lifeform – from nanobacteria to megafauna acceptable (and other, even more bizarre things if you wish).

**Report:** Describe the properties of the alien lifeform. This includes size, shape, basic structure (from chemical makeup to large-scale properties such as skin, membranes, appendages, sensors, etc.), energy source, method of metabolism, method of reproduction, environment, ecology (if applicable). **Report should include at least one drawing or other graphic representation of the lifeform.**

Report grade will be positively impacted by provision of evolutionary description – how did life originally form in this environment, and what evolution (if any) led to the current life form? What special/unalusual properties does this lifeform possess, and how were they affected by the environment around it? Is the lifeform intelligent – if so, why? If not, why not? Creativity counts.

Report length should be 4-6 pages long, double-spaced, 12-point font, standard margins.