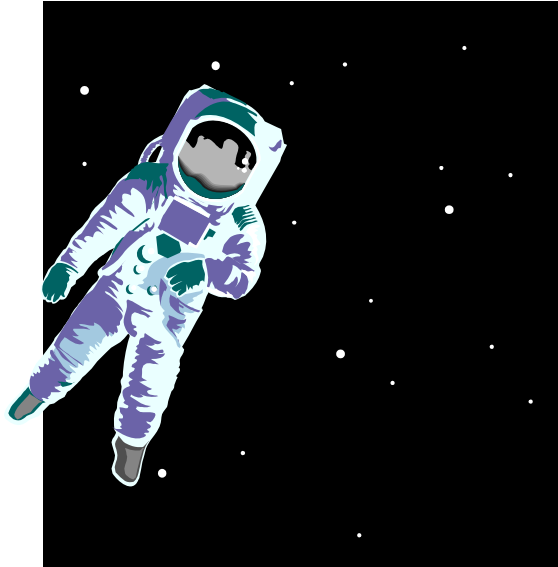


# ASTR 1020 Report #3

## Dark Matter



There is perhaps no current problem of greater importance to astrophysics and cosmology than that of "dark matter". The controversy, as the name implies, is centered on the notion that there may exist an enormous amount of matter in the Universe that cannot be detected from the light that it emits. The evidence of dark matter is from the motions of astronomical objects, specifically stellar, galactic, and galaxy cluster/supercluster observations.

In this report research the following:

- What is dark matter?
- What are its properties?
- Where is it found?
- Why do scientists think it exists?
- How are scientists looking for the particles that make up dark matter?
- What are some other theories that do away with the need for dark matter?

The report will be **three full typed** pages long (**not** including the title and your name) with standard margins, double spaced with a 12 pt times New Roman font.

You will need to list your sources of information which must include at a minimum two non-internet sources (i.e. books or magazines not including your textbook).

Any plagiarism will result in a zero. If two people turn in the same report (i.e. if a majority of the writing is the same) both people will get zeros.

Due on or before noon Friday 12/3/2008.