

## PTYS 403/503

### PHYSICS OF THE SOLAR SYSTEM.

#### Preliminary course Outline, Spring 2004

The course will follow roughly parts of the textbook, with some realignment and augmentation.

List of Topics in order - Approximately one topic per week. Some topics will take more, others less.

1. Introduction
2. Astrophysical Background
3. General Description of the Solar System
4. The Solar Nebula
5. The Sun, Solar Wind and Comets
6. The Major Planets
7. Pluto and Icy Satellites
8. Small bodies: Meteors, Meteorites and Asteroids
9. Airless Rocky Bodies
10. Terrestrial Planets
11. Other Solar Systems. Expectations. Searches ??