

Astronomy 1102/1104
Lecture Outline for Exam 3

13 April, 2009

Lectures as given

Lect.	Date	Topic	Material covered (see outline below)
27	27 Mar	IV.01	4.1.
28	30 Apr	IV.02	4.2.2.
29	1 Apr	IV.03	4.2.3.
30	3 Apr	IV.04	4.2.4.
31	6 Apr	IV.05	4.3.1.-2.
32	8 Apr	IV.06	4.3.3.
33	10 Apr	IV.07	4.2.1. 4.3.4.-5.
34	13 Apr	IV.08	4.3.6. 4.4.1.-2.
35	15 Apr	IV.09	4.4.3.-4. 4.5.
36	17 Apr	IV.10	review
37	20 Apr	IV.11	exam

Outline

4. The Outer Solar System

4.1. Asteroids

1. Overview
2. Kirkwood Gaps
3. Meteorites
4. The Galileo Mission
5. NEAR and Eros

4.2. The Jovian Worlds

1. Overview
2. Atmospheres
3. Ring Systems
4. Internal Structure

4.3. The Small Outer Worlds

1. Introduction
2. The Galilean System
3. The Moons of Saturn
4. The Moons of Uranus
5. The Moons of Neptune
6. Trans-Neptunian Objects

4.4. The Outer Solar System

1. Comets
2. The Oort Cloud
3. Meteors
4. Impacts on Earth

4.5. Formation of the Solar System

1. Three Major Models
2. The Accretion Model
3. Observational Evidence
4. Composition and Mass
5. The Galilean System
6. Other Moon Systems
7. Conclusions