Astro1 Study Guide:

1. Compare stars according to their temperature using Temperature Spectral Classification.
2. The planetesimals found in the solar nebula.
3. Comparison between the terrestrial planets.
4. Black body radiation and comparing stars’ temperatures.
5. The sun’s layers.
6. Formation of oxygen on the Earth.
7. The characteristics of Jovian Planets.
8. Define ionization and excitation.
9. Compare stars’ temperature using their colors.
10. The Galilean satellites.
11. Differences between terrestrial and Jovian planets.
12. The asteroid belt.
13. Definition of an extrasolar planet.
14. Saturn’s rings.
15. Roche limit definition.
16. Energy levels of the atom.
17. The greenhouse effect.
18. The atom structure.
19. Coulomb Law.
20. Calculation of the rock’s age using radioactivity.
21. Meteors.
22. Magnetic field and dynamo effect.
23. Stages of planet formation.
24. Highland and lowlands on the Moon.
25. Uranus Rotation.
26. Absolute zero temperature.
27. Saturn oblateness.
28. Belt zone circulation.