

AST 101 LABORATORY SYLLABUS

EXERCISES OUTLINE

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Class webpage: <http://rigel.csi.cuny.edu/rowan/index.html>

WEEK and TOPIC

1. The Night Sky (starfinders)
2. Exploring The Earth, Sun and Moon
3. The Celestial Sphere
4. Sundials & Time
5. Orbiting the Sun – scale models of the Solar System
6. Properties of Lenses & Telescopes
7. **MID TERM EXAM**
8. The Lunar Surface
9. Atomic Spectra
10. Dating Objects by Radioactive Decay: A simulation
11. Mass of Jupiter from the Galilean Satellites – CLEA software
12. Asteroid Hunting -- CLEA software
13. Meteorites & Planetary Material
14. **FINAL EXAM**

C.L.E.A.= Contemporary Laboratory Experiences in Astronomy (computer labs).

* Order and labs subject to change with notification by instructor.