

AST 103 LABORATORY SYLLABUS

EXERCISES OUTLINE

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

WEEK and TOPIC

1. The Skygazer's Almanac
2. The Period of Rotation of the Sun -- C.L.E.A.
3. Asteroid hunting -- C.L.E.A.
4. Atomic Spectra for Stars and Galaxies
5. Photoelectric Photometry of the Pleiades -- C.L.E.A.
6. Stellar Spectrum -- C.L.E.A.

7. MID TERM EXAM

8. Flow of Energy out of the Sun -- C.L.E.A.
9. Dying Stars & The Birth of the Elements -- C.L.E.A.
10. Galaxy Classification and Evolution
11. The Hubble Red shift Distance Relation -- C.L.E.A.
12. Radio Astronomy of Pulsars -- C.L.E.A.
13. The Search for Object X -- C.L.E.A.

14. FINAL EXAM

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

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