

ASTR 202 Final Guidelines

The final exam will be held 3:30 pm Friday April 15, 2005, in Civil & Mechanical Engineering room 1202. No notes or books will be allowed, but calculators will be permitted. The exam will contain a list of physical constants that may be useful for the problems. As for the midterm, this exam will consist of a mixture of conceptual/descriptive questions and quantitative questions. You should study all the course material, but there will be a slight emphasis on material not covered in the midterm. However, much of the later material builds on concepts that we covered in the first part of course, so don't completely neglect the earlier material.

Office hours during the exam period:

Ingrid Stairs: Monday April 11, 2:00-3:00 pm, Hennings 332
Thursday April 14, 11:00 am–12:00 pm, Hennings 332
Kristen Coppin: Tuesday April 12, 2:00–3:00 pm, Hennings 310C
Robert Ferdman: Wednesday April 13, 2:00–3:00 pm, Hennings 310D

Here is a rough outline of where the post-midterm material can be found in the text. We are also covering material that is not in the textbook, and for that, you should rely on your class notes.

- Stellar nucleosynthesis and chemical evolution: 13.2, 13.3, notes
- Globular and open clusters: 13.4, notes
- Galactic morphology: 22.2, notes
- HI line, Galactic rotation: 12.1, 22.3, notes
- Distribution of matter within ISM, l-v plots, etc: notes
- Galactic kinematics: 22.3, notes
- Spiral Structure: 23.3, notes
- Formation of the Galaxy: 24.2, notes
- Galactic Centre: 22.4, notes. More information on general relativity and black holes is in Chapter 16.