

Astronomy 682 Midterm Review Guide

The midterm exam will be held in class, for the full class period, on Friday, May 1. You may bring one page of *handwritten* notes (both sides) and a calculator.

The exam will cover material up through the solutions of the Friedmann equation — through the second subsection of §V of the course notes and §6.3 of the textbook — and any other material that came up in the problem sets (including, for example, the influence of expansion history and curvature on angular sizes).

The most useful things to review are the lecture notes and the solutions to the problem sets. Make sure you understand my solution sets.

When writing down equations for your notes, pay attention to the *physical interpretation* of each equation: what principles does it represent, what are the quantities that enter, what are their units, and how can the equation be used?

The exam will include a mix of qualitative questions and problems to solve.