

Galaxies

Astronomy 330

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WF 1:00-2:15, 3425 Sterling

Office Hours: WF 2:30-3:30

Class Website: <http://www.astro.wisc.edu/~mab/education/astro330/>

Handouts, lectures, homework and reading assignments will be posted.

Required Text: Linda S. Sparke & John S. Gallagher, *Galaxies in the Universe*, Cambridge University Press 2007

Supplemental Reading: We will be using a number of additional sources throughout the semester from primary professional (peer-reviews) journals, including *The Astrophysical Journal*, the *Astronomical Journal*, *Astronomy & Astrophysics*, *Monthly Notices of the Royal Astronomical Society*, as well as other journals including *Science* and *Nature*. Links to these journals and database servers are on the course web page. You will be reading and commenting on articles in some of the homework assignments.

There are a number of texts on reserve in the Astronomy Library (Woodman), located on the 6th floor of Sterling. The texts are listed on the course web page. You will find these useful references now and in the future.

Exams: The exams will be similar to the homework, with the addition of some qualitative questions.

Final Exam: Saturday, December 18 7:45 pm (location TBD)

Midterm Exam: Wednesday, October 27 (in class)

Project: There will be a large project due at the end of the semester. The details will be finalized by the second full week of classes.

Homework: These will be a mix of problem sets, web exercises, and a few puzzlers. Typically they will be assigned on Wednesdays and due the Friday of the following week. I am targeting homework for every other Wednesday beginning the second week of class -- a total of 5 to 6 assignments. You are encouraged to work together on the homework, *but what you turn in must represent you own work.*

Grading:

The approximate weights will be given to your final grade:

Homework	30%	Midterm	20%
Project	20%	Final	30%