

Astronomy 103: The Evolving Universe

M-W 1:20-2:10PM, Van Vleck B130

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Text: "Pathways to Astronomy" Schneider and Arny, McGraw-Hill (with the clickers and Starrynight observing program). The textbook for the class is available at the UW Bookstore and Underground Textbook Exchange, and possibly other locations. Used versions of this book are acceptable. You are expected to read a large fraction of the book over the course of the semester. The specific readings (units) are detailed in the attached schedule and should be done BEFORE the class date listed. Note that the reading load is heaviest earlier in the semester. The book is well organized to help you study; learn how to use it effectively.

Clickers: We will use the clickers for this class. Clickers are available with the text or separately at the UW Bookstore. They must be registered online at www.einstruction.com before you can use them in class. The registration code for the class is Class Key: F37866N695. Directions for registering the clickers are attached as well as a tutorial.

Grading:

2 midterms	20%+20%
Homework	15%
Labs	5%
Quizzes (in Lecture)	10%
Participation (clickers + section)	5%
Final:	25%

EXAMS: Two (2) mid-terms and one (1) final exam will be given. All exams consist of multiple-choice questions based on material covered in lectures and readings. Some questions may be based on the assigned web-based reading reviewed in discussion sections. **NO EXAMS CAN BE DROPPED. NO MAKEUP TESTS** are given for exams except in the case of arrangements made at least 2 weeks in advance of the exam, or for medical emergencies documented by a physician's note.

Focus of Exams: concepts not memorizing

- like in-class quiz questions.

- focus on lecture material and DEMOS!!

Honors:

23	4/16/08	A universe of galaxies,	Unit 74, 75
24	4/21/08	More on galaxies	
25	4/23/08	Galaxy clustering, AGN,	Unit 76, 77

Part 4 Cosmology and Life

26	4/28/08	Dark matter,	Unit 78
27	4/30/08	Cosmology, edges of the universe,	Unit 79, 80
28	5/5/08	The beginnings and the fate of the Universe,	Unit 81, 82
29	5/7/08	(last class) Life in the Universe	Unit 83, 84

05/17/2008	Final Exam	7:45AM	9:45AM location TBD
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