ASTR 1020
Introductory Astronomy 2: Stars & Galaxies
January 14, 2008

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MWF 10-10:50 am, Duane G1B20
Monday & Tuesday Recitation sections

Please pick up the course syllabus now or before you leave today!

Outline of Today’s Class

• Course goals
• Course information
• Course overview

Goals

To develop a broad view of what we know about the Universe

To understand the forces that shape the Universe and its history

To help you understand how we figured all this stuff

Who should take this course?

• Prerequisites: Astr 1010 or 1110.
• Recitation sections on Mondays & Tuesdays.
• Moderate amounts of quantitative work (algebra).
• More quantitative course—Astr 1030.

Course Information

COURSE HOME PAGE:
http://solo.colorado.edu/~j_aburns/Astr1020Sp08/index.html
You can find all assignments and handouts, a course calendar, lecture notes, and other useful things here.

Recitation Sections

• 8 sections
  – Monday 1:1-50 pm & 2-2:50 pm.
  – Tuesday 2:2-50 pm & 3-3:50 pm.
• Goals
  – Review material.
  – Weekly clicker quiz.
  – Brief lab exercise.
• Recitations meet this week
  – Check which recitation section you are in before coming to afternoon recitation.
  – Please bring your laptop to recitation, if you have one.
**Why are we using clickers?**

- Active learning lasts longer.
- You remember answers better than just a lecture.
- Clicker use leads to higher grades!
- You are given partial credit just for participating.
- Clicker questions allow you to find out if you understand.
- You can E-mail me with questions about clicker questions anytime!
- Register your iClicker via CUConnect. Credit starts January 28th!

**If the history of the entire universe was condensed into a single year, the first civilization would have appeared about:**

- a) September 1
- b) December 1
- c) December 30
- d) 9 p.m. December 31 (3 hours before year-end)
- e) 11:59:30 p.m. December 31 (30 seconds before year-end)

**How to succeed in this course**

- **PUT IN THE TIME:**
  3 credits at CU → 6-9 hours outside of the classroom
- **READ THE TEXTBOOK BEFORE CLASS**
- Come see us during office hours, and ask questions in class & during recitation!

**MasteringAstronomy**

- All homework will be assigned via the online system MasteringAstronomy.
- Stay up with class assignments in conjunction with the reading.
- The course ID for Astr 1020 in MasteringAstronomy is ASTR1020SP08 (note: all caps).
**Planetarium sessions**

- We will meet for class at Fiske Planetarium about once per month.

**Observatory Nights**

- Starting Friday night at 8:00 pm, open for general viewing.
- Sommers-Bausch Observatory (next to Fiske): 16" and 18" telescopes.
- Not mandatory, but you can get extra for attending.

Remember- you can get a copy of these slides after class from the course website!

For next time:
- Reading:
  - How to Succeed, p. xxviii to xxix.
  - Chapter 1, sections 1.1 & 1.2.
  - Summary of Key Concepts, p. 21-22.
- Intro to MasteringAstronomy (complete by Jan. 21) & begin Scales of the Universe (complete by Jan. 28).