

One-hour exams (3 exams, dates on syllabus)	300
Final exam (16 December 2010)	150
Homework (10 of 12 ICON assignments)	100
Reading Quizzes (Mondays in class – 10 of 12)	100



#### Lecture #1:

Introduction, Tour of the Universe, The Night Sky

- Introduction to syllabus, course policies
- Tour of the universe in pictures
- Orientating yourself with the night sky

## Other things you need to know:

- Course etiquette: see syllabus please take seriously!
- Course website:

http://astro.physics.uiowa.edu/~clang/sgu\_fall10 -reading assignments, lecture notes, exam dates, study guides, course policies, etc.

# Goals of this course

- an introduction to astronomy for non-scientists
- an understanding of the night sky and observing
- an understanding of the physical processes driving *stars, galaxies and the universe*
- an appreciation for the role of astronomical discoveries in today's world media, internet

# http://astro.physics.uiowa.edu/~clang/sgu\_fall10



# Course Website

Please use the webpage!

- detailed syllabus
- exam information
- class assignments
- lecture notes*no course material*
- $on \ ICON-only \ grades$

#### Other things you need to know:

- Course etiquette: see syllabus please take seriously!
- Course website: <u>http://astro.physics.uiowa.edu/~clang/sgu\_fall10</u>
   - reading assignments, lecture notes, exam dates, study guides
- Grades posted on U Iowa ICON website (29:50) no other course materials

• <u>Labs do not meet this week!</u> Lab materials provided in class. Lab+Lecture are 4 s.h. together: 75% of grade from lecture and 25% from lab (must pass both to get full credit for course)



## Course Guidelines

for add/drop issues, please go to VAN 203 at other end of building
lots of space available in lab section on Wednesdays (2:30-4:20 pm)

- please come to lecture! textbook will be no substitute
- please do not talk during lecture, no cellphone ringing
- please ask questions during class there are no silly questions!

*please* come to office hours or see me if you need help *please* limit your emails; send email from university address only to the course email sgu-fall10@astro.physics.uiowa.edu



# **Turning Point Clickers**

- Buy at bookstore (new or used)
- Register online and bring to class daily
- <u>http://its.uiowa.edu/support/srs/student\_faqs.sh</u> <u>tml</u>



























































# The Evening Sky (Aug/Sept 2010)

## Planets in the West (setting):

Venus: low in the west-southwest during twilight. It sets by dark.

Mars is a little to Venus's upper right.

Saturn has moved far off to Venus's right or lower right.

#### Planets in the East (rising):

**Jupiter** rises in late twilight and is well up in the east-southeast before midnight. The brightest star like point in the morning sky.





















