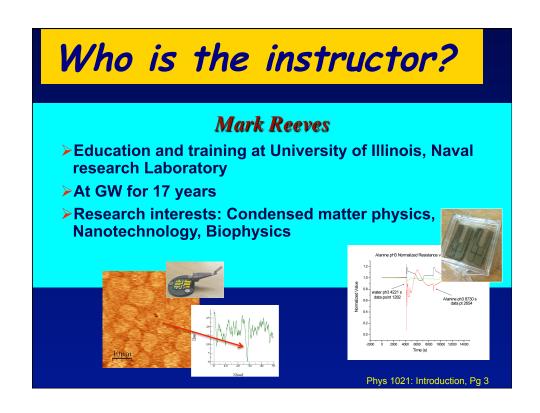


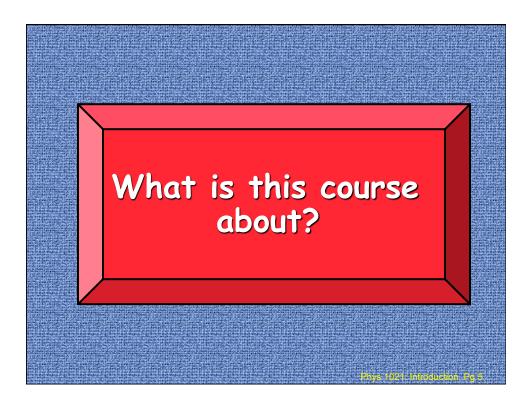
Agenda for today...

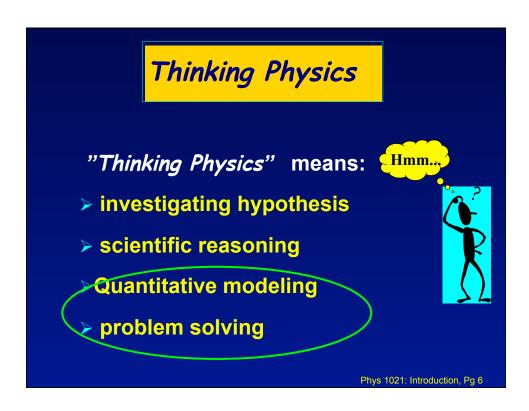
- Who is the instructor?
- What's this course about?
- What tools do we use?
- Get started with some measurements ... learn a little stats

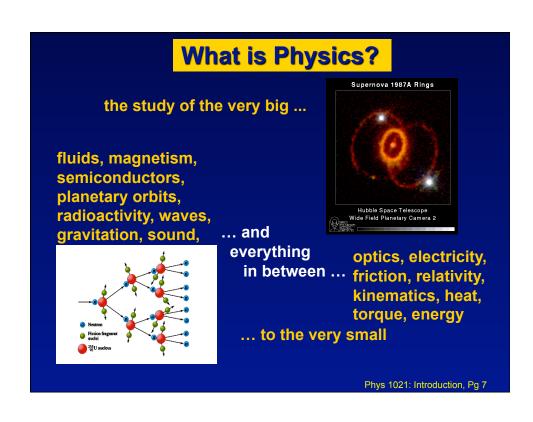


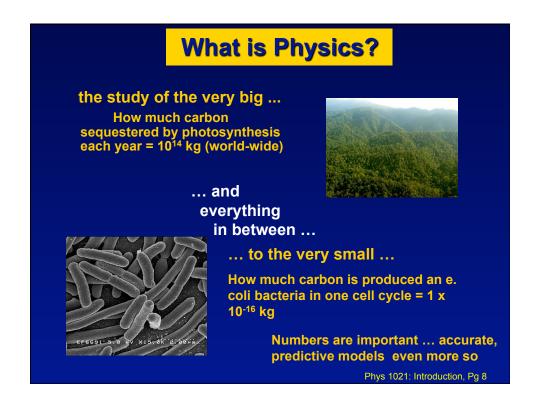


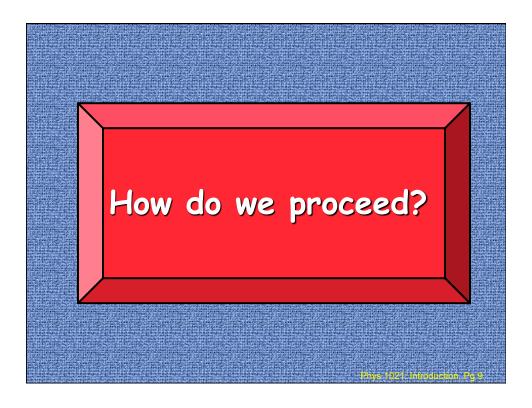
Page 2





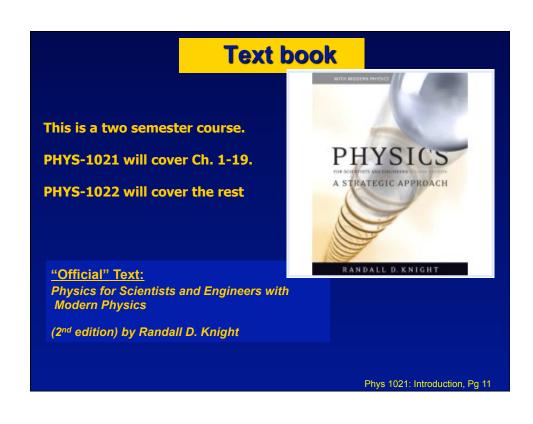


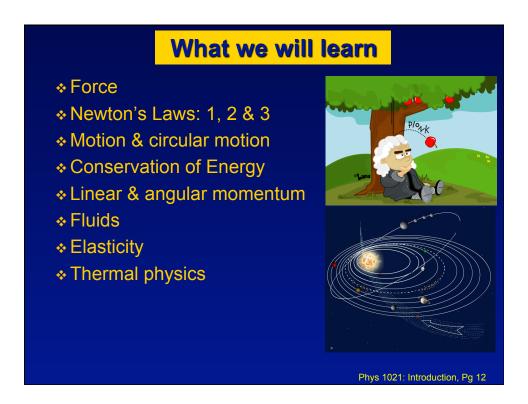


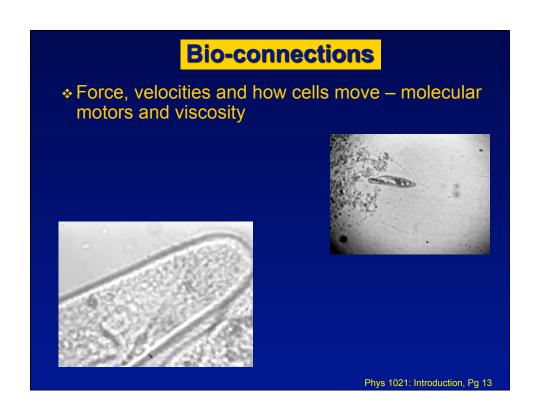


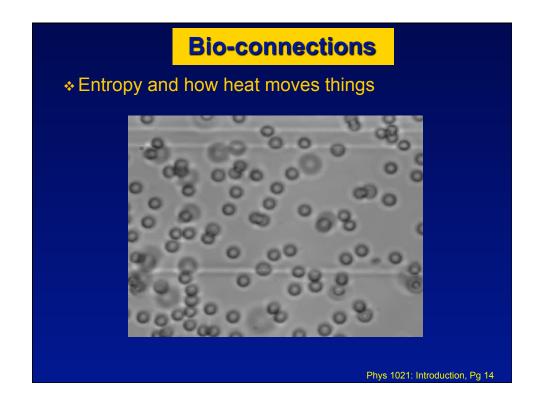
How do we proceed?

- What do we do in class? Almost no lectures!
 - We practice "Thinking Physics"
 - Problem solving!
 - Analyzing and discussing physics concepts
 - Hands-on experiments
 - Cooperative group problem solving
- Where do you get the material from?
 - Reading the book before class! (Warm-ups)
 - You will feel like you are learning a lot, if not all of the material, on your own
 - This is intentional, you aren't in college to learn how to be taught in a classroom!
 Phys 1021: Introduction, Pg 10



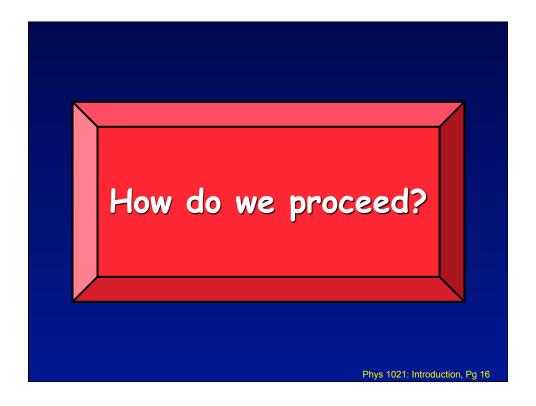






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How do we proceed?

- What do we do in class?
 - We practice "Thinking Physics"
 - Problem solving!
 - Hands-on experiments
 - Cooperative group problem solving
 - Brain storming don't be afraid to be wrong
 - Analyzing and discussing concepts
 - Working through examples
- From where do I get the material?
 - Reading the book and other assigned selections before class!

Phys 1021: Introduction, Pg 17

This is not a sit back and enjoy the ride class

This class is a fast roller coaster

Get with the program

Use all the tools offered



The syllabus

Contains all important information:

- Class schedule
- Course overview
- Grading

The grades Absolute Grading Scale **Graded Items** Warmups (Masteringphysics) 5% > In class work 10+4+4=18% > Homework (Masteringphysics) 11% > Weekly quizzes 6% > Exams 18+18+24% Help and learn from each other! And work like crazy Phys 1021: Introduction, Pg 21

Midterm 1: Friday Feb. 18: outside of class Midterm 2: Friday April 1: outside of class Final: TBA

What is MasteringPhysics?

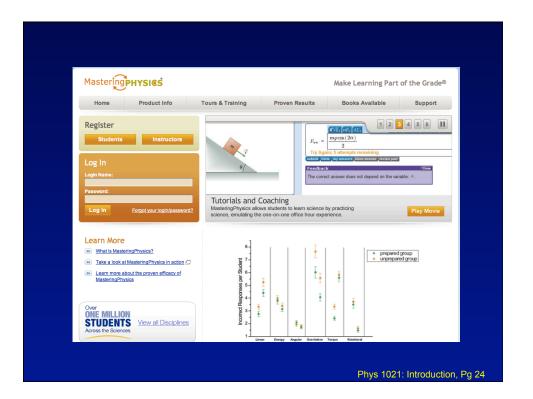
MasteringPhysics is an online learning assignment and assessment solution that provides you with the tools and resources you will need to achieve success in this course and beyond.

- Improves your learning and retention through engaging media.
- You can access MasteringPhysics at anytime, anywhere
- * Makes managing assignments easier so you can spend more time studying.
- Not yet another online homework system

http://www.masteringphysics.com/

- > Electronic book available, free with new text book
- > References, libraries
- ➤ We compared many and picked this one to help you the most!

Using any web server, such as Internet Explorer, Chrome, Safari, Netscape, or Mozilla Firefox, go to:

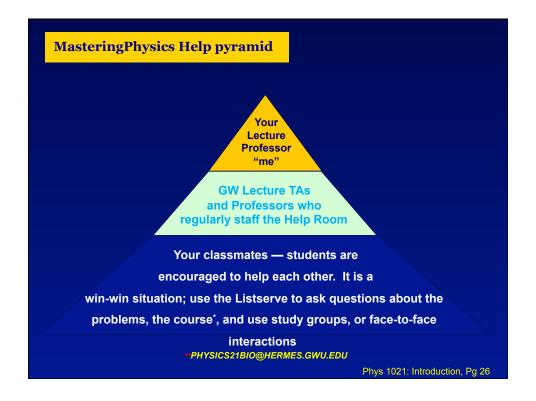


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Mastering Assignments

Course grading elements administered:

- 1. Pre-class WarmUps (5%) open at 6:00 AM on the day BEFORE the associated lecture; close at 2 pm on the day of the lecture. First warmup opens Tuesday morning.
- 2. Homework Sets (15%) Usually open at by noon on Saturday; closing times are a week and 2 days later on Monday at 11:59PM. The First homework is open.



Physics Help Room

Corcoran Hall 212B

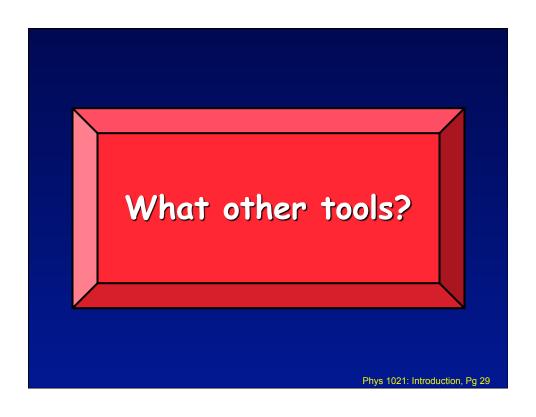
- > Staffed with TA's, instructors, physics majors
- > Terminals for doing ConnectPlus assignments
- > Ideal for working together on homework!
- > Open many times each week (see posting on door)
- > Go whenever you like

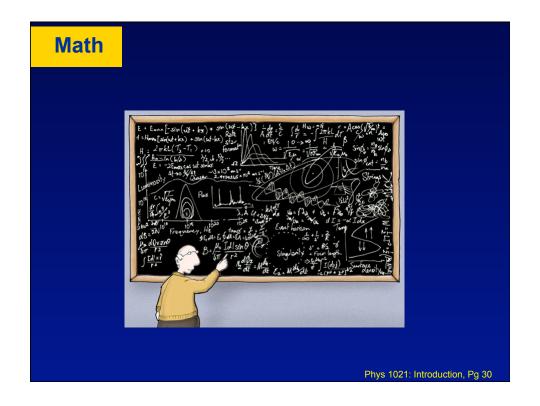
This is a major resource for you. Use it well!

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It is very important that you understand that completing the Mastering assignments during their period of availability is **YOUR** responsibility. If you wait until the last minute, you do so at your own peril. For example, if the computer system crashes or you cannot gain access to **Mastering** for **ANY** reason, it is <u>your</u> problem.

(There was one exception to the "No Exceptions" rule.)





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