

PHYS 1443 – Section 003

Lecture #1

Wednesday, Sept. 4, 2002

Dr. Jaehoon Yu

1. What is Physics?
2. What do we want from this class?
3. Summary of Chap. 1
4. Significant Figures and Uncertainties
5. One dimensional motion
 - Fundamentals
 - Displacement, Velocity, and Speed
 - Acceleration
 - Kinetic Equation of Motion

Today's homework is homework #2, due 1am, next Wednesday!!



Who am I?

- Name: Dr. **Jaehoon Yu** (You can call me **Dr. Yu**)
- Office: Rm 242A, Science Hall
- Extension: x2814, E-mail: jaehoonyu@uta.edu
- My profession: High Energy Physics
 - Collide particles (protons on anti-protons or electrons on anti-electrons, positrons) at the energies equivalent to 10,000 Trillion degrees
 - To understand
 - Fundamental constituents of matter
 - Interactions or forces between the constituents
 - Creation of Universe (**Big Bang** Theory)
 - A pure scientific research activity
 - Direct use of the fundamental laws we find may take longer than we want but
 - Indirect product of research contribute to every day lives; eg. WWW



Information & Communication Source

- My web page: <http://www-hep.uta.edu/~yu/>
 - Contact information & Class Schedule
 - Syllabus
 - Holidays and Exam days
 - Evaluation Policy
 - Class Style & homework: 34 of you have registered, will lock the enrollment one week from today
 - Other information
- Primary communication tool is e-mail: Register for [PHYS1443-003-FALL02 e-mail distribution list](#) as soon possible: Only 9 of you have registered to the list
- Class roster: 45 of you have been officially registered to this course but I have a total of 52. Please register ASAP.

