

Phys101 Lecture 1

- Course Info

- Instructor: Michael Chen

- <http://www.sfu.ca/~mxchen> → Course webpage

- Office hours (P9442): MF 10:30-12:00AM + by appointment.

- Tutorials: Mandatory (starting the 2nd week)

- Grading

- Assignments: 10% (written 5% + MasteringPhysics 5%)

- i>cliker questions: 5%

- Quizzes/attendance in tutorials: 5%

- Midterms: 2 x 20% = 40%

- Final exam: 40%

- Note: No make-up midterms (the final exam can weight more).

- Textbook

- Giancoli "*Physics* " 6th Edition

- MasteringPhysics Access Code (included in each new book)

You Are Expected to

- Try to understand “why”
 - Knowing “how” is not enough
- Read the textbook and lecture notes *before* coming to the lectures
 - You will be tested (as in-class i-clicker questions)
- Do the assignments thoroughly
 - A large number of exam questions will be similar to assignment problems.

Mastering Physics


- An online personalized assignment system
- Get your access code and register by Monday May 16th.
 - If you buy a new text book, the access code is included;
 - If you buy a used book, you would need to buy the access code separately.
- Register online:
 - Use your SFU email address as your login name; e.g., mxchen@sfu.ca
 - Use your 9-digit SFU ID as your Student ID
- Our course ID: **MPCHEN89836**

The i<clicker

**An i>clicker remote is required for this course.
You can purchase it through the bookstore.**



Registering your i>clicker online



i>clicker Web Registration

Have questions about clicker registration?
Contact us at support@iclicker.com or 866-209-5698.

Thank you for using i>clicker! Please complete the form below. Your professor will then be able to give you credit for using your i>clicker in class.

First Name

Last Name

Student ID

Clicker ID

i>clicker WEB REGISTRATION

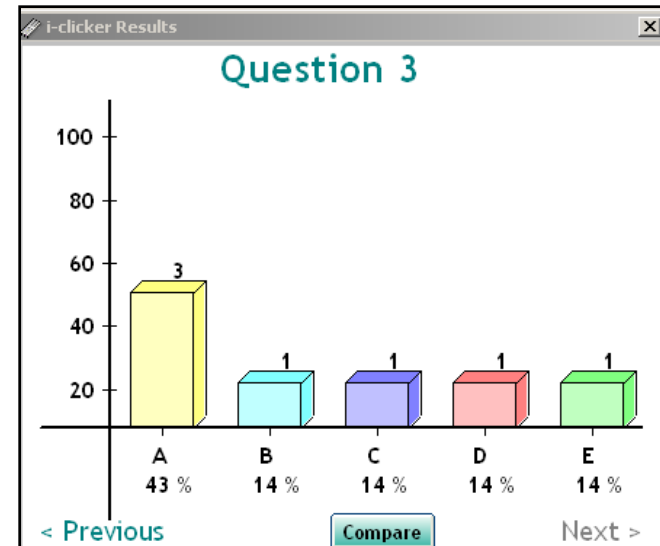
1. Go to www.iclicker.com.
2. Click “REGISTER.”
3. Enter these 4 details and click “submit.”

Enter your 9-digit SFU ID here.

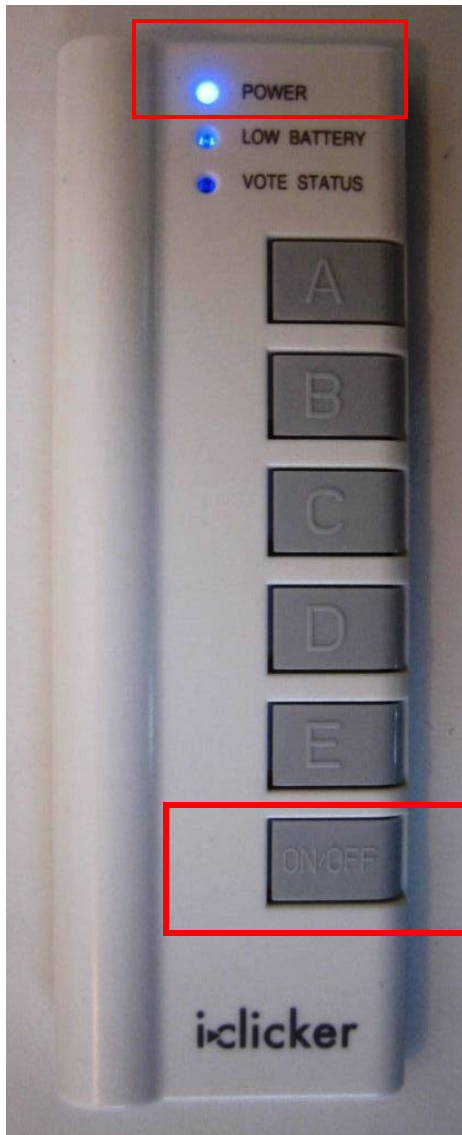
REGISTER AT www.iclicker.com

How will we use the clicker?

- ✓ I pose questions on the screen during lecture.
- ✓ You answer using your i>clicker remote.
- ✓ Class results are tallied.
- ✓ I display a graph with the class results on the screen.
- ✓ We discuss the questions and answers.
- ✓ You get points (for participating and/or answering correctly)!



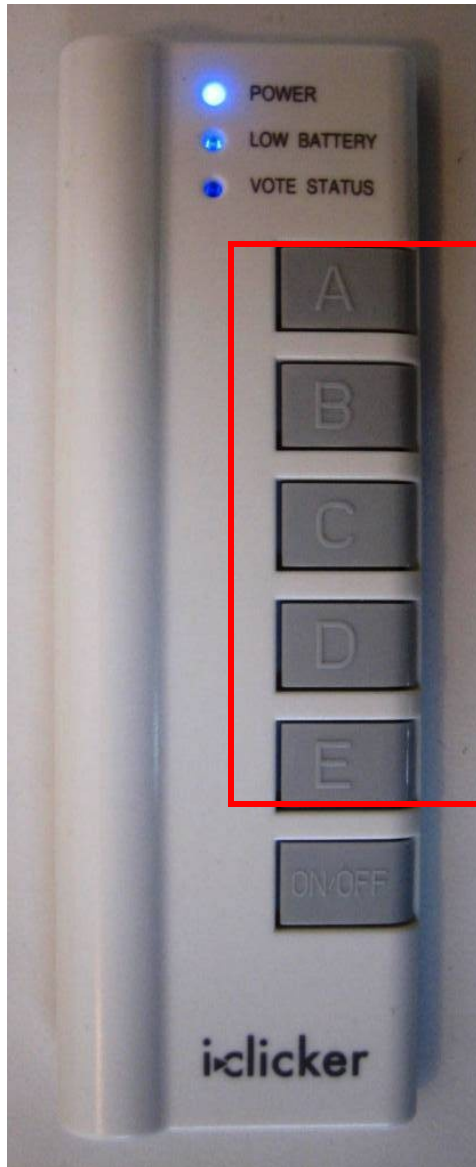
How do you vote?



Turn on the clicker by pressing the bottom “On/Off” button.

A blue “Power” light will appear at the top of the remote.

How do you vote?



When I ask a question in class (and start the timer), select A, B, C, D, or E as your vote.

I may also ask you to talk about your possible choice/answer with your neighbor or in groups.

How do you know your vote was received?



Check your “Vote Status” Light:

- **Green light** = your vote was sent **AND** received.
- **Red flashing light** = you need to vote again.

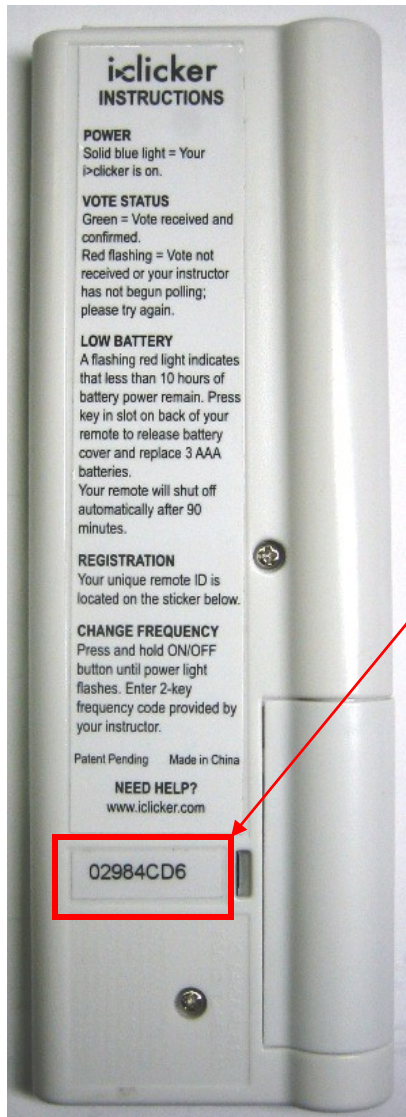
Not sure you saw the light? Just vote again.

Want to change your vote? You can vote again as long as the timer is still going.

What's the *Main* Difference Between Phys101 and Physics 12?

- A. More advanced topics
- B. Use of calculus
- C. Harder exams
- D. More about “WHY”

Registering your i>clicker



Until you register your i>clicker, your responses are tied to your clicker remote ID (located on the back of your clicker), rather than to you.

When you do register, your previously recorded voting responses will be assigned to you.

Other tips

- ✓ If you bought a used clicker, replace the AAA batteries (all of them).
 - Do not use Duracell (they are a bit short for the casing).
 - Do not use rechargeable batteries (they harm the clicker).
- ✓ **Register your clicker today!**
- ✓ Before using a new clicker for the first time, pull the plastic tab out of the battery compartment.
- ✓ Bring your clicker to class every day!
- ✓ See me as soon as possible if you can't register your i-clicker.

Things to do before next lecture

- Register to Mastering Physics
- Buy and register your iClicker
- Read the textbook (sections to be covered next lecture: 2-1,2,3,4,5,6,7) and be ready for clicker quizzes.
- Attempt assignment #1 (both online and written)
- Print out and read the lecture notes (Lec02A.pdf)