

## A New Classroom Teaching Tool: Wireless Classroom Performance System (CPS)

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## What is UT-CPS?

- Each student has a remote with response ID.
- When the instructor asks a question, all students answer it using own remote.
- Responses sent to a receiver and recorded by a computer.
- Bar chart of responses is displayed for feedback and discussion.
- Class session information is posted on the web, which is accessible to students and instructors.

## Demonstration of CPS

Do you teach a large class?

- A. Yes. Always teach large classes
- B. Yes. Occasionally teach a large class
- C. No. It is always small class
- D. Not now, but will teach a large class in future

## Do you ask questions in the middle of your lecture

- A. Yes, frequently
- B. Yes, occasionally
- C. Not now, but will try in future
- D. Never

## Example of Use in Biology Class

- Opinion questions
- Factual recall
- Problem solving

**Student Feedback Survey Summary**

## Benefits in using UT-CPS

- Breaks monotony of straight lecture. Helps to emphasize important points.
- Anonymous responses encourage full class-participation and provide feedback to the instructor.
- Class record encourages class participation and attendance

## How to get started?

- Instructor signs up online. A Class ID will be assigned to the instructor/class.
- Each student buys a remote which has a unique Remote ID.
- Student **enrolls** online: Input above two IDs, to get the response ID for the class.

## Cost to each student (Spring 03)

Disclaimer: We have no affiliation with CPS-Co. We promote its use only based on educational merits.

Remote	\$14
Enrollment fee	\$12.5
Remote sell back (end of semester)	-\$ 5
Net cost to student	\$21.5

Enrollment fee is good for 1-semester, during which a student is allowed to enroll in as many classes as it is being used. When more classes are using it, there will be a higher payoff for the same investment.

## UT- CPS: Past and present

- On our campus, it is a successor of the Classtalk system – (a wired system used at UT from Fall 1996 to Spring 2001)
- First used at UT in Spring 2002: Bio 301M
- Summer 2002: Physics 303L, Bio 331.
- Fall 2002: ~20 classes used the system.
- Spring 2003: So far ~10 classes have signed up to use the system.

## Interested in using the system?

- Want to learn more about the system?  
Please contact us or other fall 2002 cps-users (See handout)
- CNS Multimedia Classroom are equipped with the system: GEA105, Pai2.48, 3.02, 4.42, RLM 6.104, 4.102, Wel 3.502.
- If you will be teaching in one of these rooms and interested in using the system please do online signup. Deadline: **12noon, Wed. Jan 8**

## Classrooms not equipped with CPS

### Need to plan ahead

- For CNS-multimedia classrooms, please contact: Prof. Jeff Brumfield.
- For other classrooms, instructors need to independently explore ways to setup the system. We will be glad to share our knowledge of the system with them.

## Thanks to

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- Physics computer group: Eric Rostetter, John Kerrigan and David Nelson; and
- CPS-users of Fall 02 (See the class data of Fall 2002, in Sec. I.2 of UT-Wireless-CPS homepage).