

# **Initiative Report for HPEA 2009-10**

## **Use of Clicker Technology in Classroom**

### **Summary:**

Provide students expanded access to current technology in the health courses. Purchase classroom response software tools -i.e. clickers- to expand upon the use of current technology in the health courses.

### **Description**

We are requesting three sets of classroom clickers that can be used in our health courses. We currently offer three health courses at a time during peak enrollment times and this would allow instructors the use of these on a daily basis.

### **Questions and Answers**

#### **How is the initiative linked to the Unit Plans most recently submitted?**

- 1. How does it continue the achievement of those goals?**
- 2. If this is a continuation of an initiative started last year, make sure that relationship is clear.**

#### **How is this initiative linked to the efficiencies and productivities plans you had last year?**

- 1. How does it continue the achievement of these plans?**
- 2. If this is a continuation of an efficiency or productivity plan started last year, make sure that relationship is clear.**

#### **How is the initiative linked to the Unit Plans most recently submitted?**

Past Unit plans have addressed engaging the student in the learning process and this initiative accomplishes this.

#### **How does it continue the achievement of those goals?**

- Utilizing the clickers in the health courses will further increase the personalization of the curriculum by providing a fully interactive experience for students. Some of the specific benefits of the classroom response software include, but are not limited to: promotes interaction, involves students who lack the self-confidence to raise their hands in class, ensures anonymity of comments and questions which can be invaluable in the health courses which discuss very personal, sensitive, and controversial topics (i.e.

Human Sexuality and Drugs and Society, Global Health), and provides instantaneous assessment of the students understanding.

- The need was assessed by instructor observation. The evidence of the need is supported by various research that encourages the use of classroom response software for the above mentioned reasons.

- It allows our program to have another way to assess student outcomes

- It allows our program to utilize technology to assist in communication of course material and student understanding.

- It allows students who might otherwise not speak up in class, provide input for class discussion with anonymity.

- This is an effective way to be more inclusive of all students and supports the core value of promoting diversity in our classrooms.

**If this is a continuation of an initiative started last year, make sure that relationship is clear.**

- Our current initiative is a continuation of our prior Program Outcomes Analysis.

- The approval of this initiative will enable us to provide new educational tools that are a vital part of an education program that is dedicated to empowering and motivating individuals to lead healthy lifestyles by providing access to knowledge and learning opportunities in the area of health and fitness.

**How is this initiative linked to the efficiencies and productivities plans you had last year?**

Efficiencies and productivities plans were not submitted as part of our Unit Plan last year.

**Describe the resources needed:**

This initiative is feasible. The approximate cost to obtain 32 clickers is \$1,900. This is an efficient use of college resources due to the learning opportunities that will be made available to health students.

**What specific measurable program outcomes do you expect to achieve with this initiative? The outcomes should be specific enough to be measurable. Also, outline the method that will be used to determine the results.**

Program and classroom Assessment. One of the program outcomes will be increase ability of assess the effectiveness of our classes. Clickers are one of the best ways to get students to share information anonymously throughout the class which allows teachers to better assess where students are at in terms of reaching

**Department Priority:**

**Unit Resources:**

- TACT funds
- Grants
- Partial funding would not allow all our instructors to use these on a daily basis and limit the total use available to students.

**Funding Request: Carl Perkins****Funding Request: Curriculum Development****Funding Request: Technology Fee****1. Category of request**

- **Maintain existing technology**
- **Increase student access to technology**
- **New technology**

**Please type in the category of the request in the field below.**

Increase student access to technology

**2. Campus location**

- **Main Campus**
- **Downtown Center**
- **Florence**
- **Cottage Grove**
- **CLC (list specific locations)**

**Please type in the location of the request in the field below.**

Main Campus

**3. Names of the person(s) with more information (if needed):**

Susie Cousar

**4a. Budget ORGN**

671100

**4b. Budget PROG**

111100

**5.How many students will benefit per year?**

This will vary by the number of instructors that utilize these in their lessons. The majority of our health faculty have expressed an interest in using them. 906 students enrolled in our health courses fall 2008.

**6. Describe the benefit?**

Utilizing the clickers in the health courses will further increase the personalization of the curriculum by providing a fully interactive experience for students. Some of the specific benefits of the classroom response software include, but are not limited to: promotes interaction, involves students who lack the self-confidence to raise their hands in class, ensures anonymity of comments and questions which can be invaluable in the health courses which discuss very personal, sensitive, and controversial topics (i.e. Human Sexuality and Drugs and Society, Global Health), and provides instantaneous assessment of the students understanding.

- It allows our program to have another way to assess student outcomes
- It allows our program to utilize technology to assist in communication of course material and student understanding.
- It allows students who might otherwise not speak up in class, provide input for class discussion with anonymity.
- This is an effective way to be more inclusive of all students and supports the core value of promoting diversity in our classrooms.

**COMPUTER HARDWARE \$**

**COMPUTER SOFTWARE \$**

5700

**STAFFING \$**

**INSTALLATION \$**

**LICENSING \$**

**Can this initiative be partially funded?**

Yes

**COMPUTER HARDWARE \$**

**(CH) Explanation of effect of partial funding:**

**COMPUTER SOFTWARE \$**

3800

**(CS) Explanation of effect of partial funding:**

Partial funding would restrict instructor and student use on a daily basis.

**STAFFING \$**

**(S) Explanation of effect of partial funding:**

**INSTALLATION \$**

**(I) Explanation of effect of partial funding:**

**LICENSING \$**

**(L) Explanation of effect of partial funding:**