Adv Tech 2011-12
Automotive - #4 - SRS System

Summary:

This interactive lecture will engage students in the classroom by wireless student response systems.

Description

ClassAct SRS comprises a set of wireless multifunction student remotes, a teacher's remote and the ClassAct SRS management system. Designed for use with a data projector/whiteboard and a single computer, ClassAct SRS is fully portable and can turn any space into a computer managed learning environment. A specially designed presentation wizard allows the teacher to create dynamic presentations using Microsoft PowerPoint. The wizard automatically builds in the selected question types and links to the ClassAct SRS management system. You can even add interactive questions to your existing PowerPoint presentations.

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.**

This is a continuation from last year's unit plan. Provide advanced technical training center that can compete with public and private schools by providing students with the latest technology and equipment in a hands on environment.

Goal #1: It would expose students to new technology in the classroom. It would also require hands on participation during every lecture for every student which. These are both aspects of goal #1 from last year and this year.

We asked for funding to purchase the SRS trainers last year and did not receive the funding.

We still want to make the Smart Classroom more technologically up to date. Having an SRS system would be innovative and it would set our Automotive program apart from others in the state.

It would increase productivity by freeing up more trainers. Sustaining the record level of enrollment was goal #2 from last year and again this year.

Describe the resources needed:

LJ Computer Systems SRS trainers 6,821 Carl Perkins or Tech Fee.

*1 SRS System Equipment ($6,321 each)

*1 Installation ($500 each)

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.

The specific measured outcomes would be students attaining better test, quiz and homework scores. The increased learning of the theory would directly translate to better task completion in the hands on lab. The SRS System is its own evaluator. As points are made in during a lecture students are required to submit an answer immediately along with the rest of the class using this interactive system. The responses could be anonymous, but they are scored the results can be displayed for the class to see so that the instructor can see if a particular subject needs to be re-discussed.

Department Priority:

14

Unit Resources:

There are no unit resources available.

Funding Request: Carl Perkins

Is this a Career & Technical Education program approved by the state and offered through Lane for credit?

Yes

If not a Career & Technical Education program, does your request provide considerable support for students enrolled in these programs?

Yes

Do you have an advisory committee that meets 2-3 times per year?

Yes

If request is for personnel, will funds be used to replace an existing position?

How will funding this initiative increase or sustain the academic achievement and technical skills attainment (GPA of 2.0 or better) of Career and Technical Education students?

The measurable outcome is the instant feedback the students get on-screen. As an Instructor, I can see exactly who has a problem with a particular topic and I can reinforce their understanding there and then. The PowerPoints, in conjunction with the system, are very helpful for all learning styles.

The computer-based curriculum has some great features, like the instant assessment and voice-over support. This helps any students that have limited English skills. They can select individual words and have them read out to them, or they can have the whole lesson read to them if they choose.

Using this system gives the instructor instant feedback on how individuals are learning. This measurable outcome is helpful because it requires the student to answer questions anonymous but not to the instructor, thus making the evaluation for the instructor instant.

How will funding this initiative increase or sustain the number of CTE students that graduate or receive a one year certificate from Lane and help prepare the students for employment?

By increasing the amount of student interaction in the classroom.

EQUIPMENT $

6821

COMPUTER HARDWARE $

COMPUTER SOFTWARE $

MATERIALS & SUPPLIES $

CURRICULUM DEVELOPMENT (Hours)

PART-TIME FACULTY $

TIMESHEET STAFF $

TRAVEL $

Can this initiative be partially funded?

No

EQUIPMENT $

(E) Explanation of effect of partial funding:

COMPUTER HARDWARE $

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE $

(CS) Explanation of effect of partial funding:

MATERIALS & SUPPLIES $

(MS) Explanation of effect of partial funding:

CURRICULUM DEVELOPMENT (HOURS)

(CD) Explanation of effect of partial funding:

PART-TIME FACULTY $

(PF) Explanation of effect of partial funding:

TIMESHEET STAFF $

(TS) Explanation of effect of partial funding:

TRAVEL $

(T) Explanation of effect of partial funding:

Funding Request: Curriculum Development

Funding Request: Technology Fee