CFE 2010-11

Visual Documentation of Student Learning in Early Childhood Education

Summary:

Expanding learning opportunities for students and faculty through analysis of video recordings of student interactions in the Early Childhood Ed Lab School.

Description

The Child and Family Education department is seeking funding from the Technology Fee to purchase two hand held video cameras, tripods, LCD TV to film and view children's learning experiences in the ECE Lab School. Filming of children's interactions and of ECE practicum students working with children will be recorded.

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.**

1.

- This initiative is linked to the Unit Plan most recently submitted as a goal to facilitate student success by providing direct feedback of performance in the ECE Lab School.

2.

- This initiative is specifically intended to maximize the improvements made in the core curriculum and pedagogical redesign of the ECE supervised teaching classes, ECE 140, Supervised Teaching and Theory 1 and ECE 240, Supervised Teaching and Theory 2.

- This initiative will create a better-prepared workforce, both entering and already working in the ECE field, by providing a superior method of feedback on student lab performance than that which is currently practiced.

Describe the resources needed:

For this Initiative we will need.

Sony Handycams (2 @ 400 = 800)

Tripods (2 @ 180 = 360)

50" LCD T.V., Cart and HDMI Cable (900)

Flashcards (4 @ 35 = 140)

Batteries (2 @ 50 = 100)

Shipping & Handling costs for Tripods, Flash Cards & Batteries (100)

Total 2,400

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 use of this technology will enhance and help conceptualize the role of faculty as mentor/advisor to students through faculty collaboration with students on assessing the visual documentation of their performance.

- The use of this technology will improve student learning and development in the supervised teaching and theory class, a core requirement and essential component of the ECE program.

- The use of technology will increase connections between pedagogy, curricula and lab learning through use of enhanced technology and will be used as an essential function to increase learning connections between lecture classes and lab school expectations.

- The use of this technology will allow Advanced and Intermediate ECE 240 students to receive more immediate feedback on the delivery of key components of their capstone project which involves a day and/or week of student planned curriculum, implemented by the student.

- The use of this technology will expand the instructional programs' use of technology as well as faculty use of technology to improve student learning outcomes.

Department Priority:

1

Unit Resources:

Staff and Faculty time

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.

New 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):

Nancy Hart, Sue Norton

4a. Budget ORGN

546200

4b. Budget PROG

112000

5.How many students will benefit per year?

60-70 Students

6. Describe the benefit?

The use of this technology will provide an essential opportunity to all ECE students so they can better achieve their goals of continual improvement of their lab performances. This initiative will allow the ECE instructional program to create learning assignments that:

1. Provide visual/audio performance feedback and

2. Allow the opportunity for student performance to then be assessed by individual students, their peers and the faculty.

- The use of this technology will continue to implement practices that result in students' expanded ability to self assess and improve their performances... with the added benefit of visual feedback and assessment of their lab skills.
- The use of this technology will help with functional job preparedness: graduates will be better able to deliver to the community a curriculum that demonstrates best practices based on current research of children's learning (constructivist and emergent).
- The use of this technology will help students integrate portions of this technology into a classroom practice common in emergent curriculum by visually documenting the children's work.

COMPUTER HARDWARE $

2400

COMPUTER SOFTWARE $

STAFFING $

INSTALLATION $

LICENSING $

Can this initiative be partially funded?

No

COMPUTER HARDWARE $

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE $

(CS) Explanation of effect of partial funding:

STAFFING $

(S) Explanation of effect of partial funding:

INSTALLATION $

(I) Explanation of effect of partial funding:

LICENSING $

(L) Explanation of effect of partial funding: