

Bus/CIT 2008-09 Initiative: Maintain/Develop Room 19/126

Summary:

Replace aging/failing laptops; install ceiling-mounted projector; and create online video capture capacity.

Description:

This is a medium-capacity instructional computer lab with flexible seating using laptops: this lab supports CIT Career and Technical programs.

- The lab uses three different kinds of laptops, which are old, failing and difficult to maintain. This initiative proposes replacing these aging laptops at a cost of approx. \$36k.
- The lab is wider than it is deep (is "landscape" vs "portrait") which presents instructional challenges that can be addressed by a two-screen projection system, at a cost of approx \$10k.
- A critical need in support of online instruction is the ability to do routine video capture of instruction (closer to video "notes" than professional production quality) which will support "hybrid" (with video delivery of content) and "one-room schoolhouse" (multiple content areas in one scheduled class) instructional innovations, at a cost of approx \$12k.

Strategic Direction

- Build organizational capacity and systems to support student success and effective operations.
- Commit to a culture of assessment of programs, services and learning.
- Create, enhance, and maintain inviting and welcoming facilities that are safe, accessible, functional, well-equipped, aesthetically appealing and environmentally sound.
- Foster the personal, professional, and intellectual growth of learners by providing exemplary and innovative teaching and learning experiences and student support services.
- Position Lane as a vital community partner by empowering a learning workforce in a changing economy.

Learning Plan Goals

- Enhance student success and retention
- Facilities enhancement.

- Increase support for innovation in instruction.

Student Affairs Plan Goals

- Create innovative, flexible, and collaborative programs that are responsive to the needs of students and employers and facilitate a smooth transition from college to the workplace.
- Develop a campus-wide, coordinated, and targeted marketing strategy to enhance enrollment and image in the community.
- Develop policies and practices to increase student persistence.

College Council Priorities

- 3. Efficiencies
 - 4.1 Responding to unit plans/council plans: Innovation
 - 4.3 Responding to unit plans/council plans: Enhancing Classrooms
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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.*

The centerpiece of all instructional strategies for BCIT is improved and innovative support through instructional technologies.

This lab (19/126) is, as planned, essential to the CIT core, game, and web programming degrees and certificates. It is required to support the innovative achievements in curriculum redesign through use of hybrid (flexible scheduling) and one-room schoolhouse (flexible instruction) approaches. Both of these approaches are essential to dept/div efficiency and productivity plans.

The mixture of multiple brands of aging laptops must be replaced if this lab is to continue to be useful.

Describe the resources needed:

Computer Hardware

- 26 laptop computers @ approximately \$1,385 each = \$36,000

Funding: Carl Perkins/Tech Fee

Equipment

- Ceiling mounted projection system = \$10,000

Funding: Carl Perkins/Tech Fee

Equipment

- Ceiling mounted video capture system = \$12,000

Funding: Carl Perkins/Tech Fee

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 primary outcomes are all immediate: supporting the scheduling of CIT courses, continuing to expand enrollment, and to generate instructional materials based on current instruction. In addition this initiative will allow the development of capacity for tutorial modes of instructions ("guide on the side"), and hybrid and one-room school house instructional methods.

Department Priority:

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Unit Resources:

- Faculty work time to develop curriculum innovations
- Faculty work time to develop lab configuration(s)

Carl Perkins Funding Request

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?

Question Not Answered

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?

This computer lab is used to support the CIT Career and Technical scheduled instruction of all CIT majors.

This initiative will support innovative use of hybrid (video content delivery) instruction. This will in turn enable significant capacity improvements with more densely scheduled hybrid instructional modes.

This initiative will also support innovative use of one-room schoolhouse techniques where multiple topic areas are taught in cross-listed sections. This will enable both significant capacity improvements in areas of lower enrollment, as well as pedagogical explorations and improvements from developing "one-room schoolhouse" instructional techniques.

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?

It will sustain the number of graduates in programs that depend on this lab.

It will be the center of focus for increased numbers of students in programming related certificates and online curriculum development.

It will fully support hybrid, "video notes" and other video content delivery curriculum innovations.

EQUIPMENT \$

22000.00

COMPUTER HARDWARE \$

36000.00

COMPUTER SOFTWARE \$

Question Not Answered

MATERIALS & SUPPLIES \$

Question Not Answered

CURRICULUM DEVELOPMENT (Hours)

Question Not Answered

PART-TIME FACULTY \$

Question Not Answered

TIMESHEET STAFF \$

Question Not Answered

TRAVEL \$

Question Not Answered

Can this initiative be partially funded?

Yes

EQUIPMENT \$

12000

(E) Explanation of effect of partial funding:

Developing the use of video capture will allow the greatest expansion of benefits from this classroom.

COMPUTER HARDWARE \$

36000

(CH) Explanation of effect of partial funding:

Replacing the aging laptops is critical and of greatest importance - full funding is required in this area.

COMPUTER SOFTWARE \$

Question Not Answered

(CS) Explanation of effect of partial funding:

Question Not Answered

MATERIALS & SUPPLIES \$

Question Not Answered

(MS) Explanation of effect of partial funding:

Question Not Answered

CURRICULUM DEVELOPMENT (HOURS)

Question Not Answered

(CD) Explanation of effect of partial funding:

Question Not Answered

PART-TIME FACULTY \$

Question Not Answered

(PF) Explanation of effect of partial funding:

Question Not Answered

TIMESHEET STAFF \$

Question Not Answered

(TS) Explanation of effect of partial funding:

Question Not Answered

TRAVEL \$

Question Not Answered

(T) Explanation of effect of partial funding:

Question Not Answered

Curriculum Development Funding Request

Technology Fee Funding Request

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.

Maintain technology; 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):

Mark Williams

4a. Budget ORGN

641001

4b. Budget PROG

112000

5. How many students will benefit per year?

approx. 700 (about 200/regular term + 100/summer)

6. Describe the benefit?

CIT as a discipline requires adequate hardware for instruction - the current hardware is aging, slow, and failing.

The room can accommodate larger enrollments than other CIT labs, and with appropriate equipment we are also planning for capacity and FTE improvements. For example, some of the lower-level gaming classes could be taught in this room with newer laptops.

COMPUTER HARDWARE \$

58000.00

COMPUTER SOFTWARE \$

Question Not Answered

STAFFING \$

Question Not Answered

INSTALLATION \$

Question Not Answered

LICENSING \$

Question Not Answered

Can this initiative be partially funded?

Yes

COMPUTER HARDWARE \$

48000

(CH) Explanation of effect of partial funding:

1. Replacing the aging laptops is critical to instruction (\$36000).
2. Creating the ceiling-mounted video capture capacity (\$12000) would greatly expand the value of this room, by supporting hybrid and online instruction as well.

COMPUTER SOFTWARE \$

Question Not Answered

(CS) Explanation of effect of partial funding:

Question Not Answered

STAFFING \$

Question Not Answered

(S) Explanation of effect of partial funding:

Question Not Answered

INSTALLATION \$

Question Not Answered

(I) Explanation of effect of partial funding:

Question Not Answered

LICENSING \$

Question Not Answered

(L) Explanation of effect of partial funding:

Question Not Answered