Bus/CIT 2010-11

CIT Update & Expand 19-135

Summary:

Purchase 36 computers to upgrade and expand student capacity in the CIT Instructional Lab.

Description

The CIT Instructional Lab provides a place for students to receive direct, personalized and engaged instructional support. Much of the CIT Dept curriculum is quite challenging - in particular the programming and networking curriculum are areas where students require consistent, directed problem solving tutorial support.

CIT has seen a tremendous FTE growth (38.47% in 2008-2009) over the past few years; correspondingly the CIT lab has seen a huge increase in demand. Maintaining current technology in the CIT lab is essential to providing adequate instructional support. Additionally, the IT field is continually changing. It is important to keep up with the industry with respect to hardware and software or the knowledge imparted to the students will be obsolete.

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 CIT lab is the centerpiece of numerous strategies for supporting online instruction, curriculum innovations like video content delivery that support hybrid classes, and lab support essential to the success of students. This initiative is central to continuing the departmental goals of increased student retention, learning, and employability.

Describe the resources needed:

Student computers (36 * $1,000 = $36,000):
Request: Carl Perkins (CH) $36,000
Request: Tech Fee (CH) $36,000

Total $36,000 to update & expand student capacity in room 135:
Request: Carl Perkins (CH) $36,000
Request: Tech Fee (CH) $36,000

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 majority of CIT courses require the use of computers to meet instructional outcomes. Since the existing computers in this lab are outdated, this upgrade will allow students to use modern hardware and software which is crucial for student's employability. The primary outcome of this is continued measurable improvements in CIT's completion and success rates, and continued growth in FTE.

The data needed to determine results is directly available from current instructional enrollment reports.

Department Priority:

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Unit Resources:

The CIT Department's lab staff and designated faculty will oversee the purchase and installation of the computers. The lab staff will undertake the operational level installation and maintenance.

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?

No

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?

New computers will be used by students in the lab for hands-on work with the course curriculum. Hands-on work ensures learning new computing systems which is crucial to our students� employability. Enrollment in CIT programs has grown explosively over the past two years. Current trends, coupled with the implementation of the Health Informatics AAS and the future development of BAS programs, will necessitate expanding the CIT labs in order to meet student needs.

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?

Increasing the number of student stations in the lab will allow the department to serve a greater number of students. Modern lab rooms with modern equipment will make the CIT courses more attractive to prospective students. Without modern computer hardware students will learn obsolete software systems and will be less employable.

EQUIPMENT $

COMPUTER HARDWARE $

36000.00

COMPUTER SOFTWARE $

MATERIALS & SUPPLIES $

CURRICULUM DEVELOPMENT (Hours)

PART-TIME FACULTY $

TIMESHEET STAFF $

TRAVEL $

Can this initiative be partially funded?

Yes

EQUIPMENT $

(E) Explanation of effect of partial funding:

COMPUTER HARDWARE $

25000.00

(CH) Explanation of effect of partial funding:

Fewer computers could be purchased which would limit the number of students who could utilize current technology in the lab.

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

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 Existing 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):

Stacey Schultz, Pam Dotson, and Kirsa Whedon

4a. Budget ORGN

641510

4b. Budget PROG

112000

5.How many students will benefit per year?

1500+

6. Describe the benefit?

Nearly every student in the CIT programs will benefit with better equipment that is closer to equipment being used in job situations available to our students after graduation. This equipment will also allow our department to take advantage of the virtualization of our student desktops planned for in the coming years.

COMPUTER HARDWARE $

36000.00

COMPUTER SOFTWARE $

STAFFING $

INSTALLATION $

LICENSING $

Can this initiative be partially funded?

Yes

COMPUTER HARDWARE $

25000.00

(CH) Explanation of effect of partial funding:

Fewer computers could be purchased which would limit the number of students who could utilize current technology in the lab.

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: