

Bus/CIT 2010-11

CIT Convert 19-119 to a Pre-Assigned Lab

Summary:

Purchase and install 30 computers, 30 student stations, 2 equipment cabinets, and any wiring/infrastructure changes needed to create a new instructional lab in 19-119.

Description

All computer equipped classrooms available for CIT are currently scheduled the maximum number of available hours. The plan is to equip this room with laptops so that it will serve as an available resource to meet student demand.

Computers will be used by students in a lab room setting for hands-on work with the course curriculum. Hands-on work ensures learning new operating systems and this 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 development of BAS programs in the future, will necessitate having additional pre-assigned labs in order to meet enrollment demand.

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 initiative continues the departmental goals of increased student retention, learning, and employability. It is consistent with the departmental direction undertaken last year with respect to the facilities and equipment upgrade completed in 19-132.

Describe the resources needed:

Student computers (30 * \$1,000 = \$30,000):
Request: Carl Perkins (CH) \$30,000
Request: Tech Fee (CH) \$30,000

Student stations (30 * \$250 = \$7,500):
Request: Carl Perkins (M&S) \$7,500

Wiring/infrastructure (\$20,000):
Request: Carl Perkins (M&S) \$20,000
Request: Tech Fee (INS) \$20,000

Equipment cabinets (2 * \$1,750 = \$3,500):
Request: Carl Perkins (M&S) \$3,500

Total \$61,000 to convert Smart classroom to a lab:
Request: Carl Perkins (CH) \$30,000
Request: Carl Perkins (M&S) \$31,000
Request: Tech Fee (CH) \$30,000
Request: Tech Fee (INS) \$20,000

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.

Creating an additional instructional lab resource will enable CIT to meet student demand. CIT will be able to offer more sections of high demand courses.

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 equipment and furniture. In the case of the computers, the lab staff will undertake the operational level installation themselves. The department's general fund will pay for the incidentals needed for the room upgrade.

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?

Through the use of the Smart station, video capture equipment, and modern computer hardware, the classroom environment will be enhanced. We expect increased student retention and increased student learning as a result. Having a modern, efficient learning environment is especially important for the highly technical courses offered by the department.

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?

Having an additional pre-assigned 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 be learning obsolete software and will be less employable.

EQUIPMENT \$

COMPUTER HARDWARE \$

30000.00

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

31000.00

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 \$

(CH) Explanation of effect of partial funding:

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

MATERIALS & SUPPLIES \$

25400.00

(MS) Explanation of effect of partial funding:

Eliminating the video capture equipment would prevent us from realizing the benefits of that equipment, but the other benefits of this initiative would not be affected.

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.

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):

Jim Bailey

4a. Budget ORGN

641001

4b. Budget PROG

112000

5.How many students will benefit per year?

1000+

6. Describe the benefit?

Increased accessibility to high demand courses, increased learning, increased retention, increased employability

COMPUTER HARDWARE \$

30000.00

COMPUTER SOFTWARE \$

STAFFING \$

INSTALLATION \$

20000.00

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: