

Bus/CIT 2011-12

CIT - Update & Expand Room 19-126 AND Room 19-128

Summary:

Smart station, video capture equipment, projector & screen, and any wiring/infrastructure changes needed to update and expand capacity in an existing instructional lab classroom.

Description

Purchase and install, according to the college standard configuration, a Smart station, projector, and video capture equipment including the wiring/infrastructure supplies needed for each room. Purchase 2 equipment cabinets per room for housing laptop computers and other equipment used for instruction.

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 room utilization, student retention, learning, and employability. It is consistent with the departmental direction undertaken previously with respect to the facilities and equipment upgrades completed two years ago in Bldg 19/Rm 132. It continues our goals of creating video resources both for online and hybrid courses, plus tutorial and retention efforts.

Describe the resources needed:

1 - Two Smart stations & Four Projection Flat Screens and wiring costs for rooms 126 & 128 (\$32,000)

Request: Carl Perkins (M&S) \$32,000

Request: Tech Fee (CH) \$24,000

Request: Tech Fee (INS) \$8,000

2 -Video capture equipment (\$11,200):

Request: Carl Perkins (M&S) \$11,200

Request: Tech Fee (CH) \$11,200

Total \$ to update & expand rooms 126 & 128: \$43,200

Request: Carl Perkins (M&S) \$42,200

Request: Tech Fee (CH) \$ 42,200

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.

Smart station & Project flat screens: The improved lecture/demo opportunities of the Smart station will increase the delivery options for the instructors and provide enhanced learning opportunities for the students. Enrollment in CIT courses has grown explosively over the past two years. By positioning the smart station in the center and putting flat screen displays in the front two corners of the room, it will enable students to see more clearly than the current center projection and increase the number of student seats by utilizing the current, corner blind spots. It will also enable the instructor to fully utilize the existing white boards, now limited to 30% by the current projection arrangement. This re-arrangement will increase the capacity of each room allowing for higher enrollment.

Video capture equipment: Having high quality video capture equipment will allow instructors to develop online and hybrid course materials, as well as provide a means for creating supplemental/tutorial materials for students to review later, thus improving comprehension. Lectures, once given, can be repeatedly viewed on-demand. Online courses built around such videos can be more efficiently run, allowing instructors to focus more time on interaction with the students. The development of a library of video support resources should result in improved retention rates, as well as improved student experience in the open instructional lab. The current experiments using temporarily placed video capture equipment is disruptive to the students, eliminates several valuable student seats, and takes personnel to operate. Through the use of more permanent, better technology we expect improved efficiencies and productivity.

Department Priority:

19

Unit Resources:

The CIT department's lab staff and designated faculty will oversee the purchase and installation of the equipment. The department's general fund will pay for other 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?

Having a Smart Classroom will enhance the instructor's ability to use instructional materials in the classroom. This will enhance the student's learning experience and increase their likelihood of persistence and success

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 a rich learning environment for students will increase our ability to attract and successfully graduate students.

EQUIPMENT \$

COMPUTER HARDWARE \$

COMPUTER SOFTWARE \$

MATERIALS & SUPPLIES \$

43200

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 \$

21600

(MS) Explanation of effect of partial funding:

This would only fund 1 smart classroom instead of 2 and would not allow as many classes to be taught with appropriate instructional tools.

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.

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):

Larry Scott and Linda Loft

4a. Budget ORGN

4b. Budget PROG

5. How many students will benefit per year?

It is estimated that approximately 4,000 students will attend classes in these rooms over the year

6. Describe the benefit?

COMPUTER HARDWARE \$

35200

COMPUTER SOFTWARE \$

STAFFING \$

INSTALLATION \$

8000

LICENSING \$

Can this initiative be partially funded?

Yes

COMPUTER HARDWARE \$

17600

(CH) Explanation of effect of partial funding:

This would do 1 smart classroom instead of 2 and fewer students would be taught with appropriate learning tools

COMPUTER SOFTWARE \$

(CS) Explanation of effect of partial funding:

STAFFING \$

(S) Explanation of effect of partial funding:

INSTALLATION \$

4000

(I) Explanation of effect of partial funding:

This would do 1 smart classroom instead of 2 and fewer students would be taught with appropriate learning tools

LICENSING \$

(L) Explanation of effect of partial funding: