

# **Bus/CIT 2010-11**

## **CIT Update & Expand 19-126 and 19-128**

### **Summary:**

Purchase and install a Smart station, video capture equipment, 2 equipment cabinets, projector & screen, and any wiring/infrastructure changes needed to update and expand capacity in each existing CIT 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 last year with respect to the facilities and equipment upgrades completed in 19-132. It continues our goals of creating video resources both for online and hybrid courses, plus tutorial and retention efforts.

### **Describe the resources needed:**

2 Smart stations (2 \* \$16,000 = \$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 sets (2 \* \$5,600 = \$11,200):

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

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

4 Equipment cabinets (4 \* \$1,750 = \$7,000)

Request: Carl Perkins (M&S) \$7,000

Total \$50,200 to update & expand rooms 126 & 128:

Request: Carl Perkins (M&S) \$50,200

Request: Tech Fee (CH) \$43,200

**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.**

*Equipment cabinets:* The CIT courses using these rooms require the use of the laptop computers both for efficient room utilization and to meet instructional outcomes. The computers need secure but accessible storage cabinets to prevent theft where they can be charged and ready for each class. Routine class time to retrieve and then secure laptops at the beginning and the end of the class should be cut from 15 to 5 minutes.

*Smart station:* 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. Adding a 2nd screen display in the corners will enable students to see more clearly and increase the number of student seats by utilizing current blind spots. This will increase the capacity of each room and allow higher enrollment.

*Video capture equipment:* Having high quality video capture equipment will allow instructors to develop online and hybrid courses, as well as provide a means for creating supplemental/tutorial materials for students to review later, thus improving comprehension. Through the application of this technology we expect improved efficiencies and productivity. 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.

**Department Priority:**

15

**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?**

Through the use of the Smart station, video capture equipment, and modern computer hardware, the learning 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?**

With this equipment more students will be better trained and have better retention by utilizing these resources, thereby making them more employable.

**EQUIPMENT \$**

**COMPUTER HARDWARE \$**

**COMPUTER SOFTWARE \$**

**MATERIALS & SUPPLIES \$**

50200.00

**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 \$**

25100.00

**(MS) Explanation of effect of partial funding:**

Only one of the two rooms would be enhanced. This would prevent us from realizing 50% of the benefits described in this initiative.

**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):**

Linda Loft, Mari Good, and Ron Little

**4a. Budget ORGN**

641001

**4b. Budget PROG**

112000

**5.How many students will benefit per year?**

1750+

**6. Describe the benefit?**

Increased access to classes, increased learning, higher retention, increased employability

**COMPUTER HARDWARE \$**

35200.00

**COMPUTER SOFTWARE \$**

**STAFFING \$**

**INSTALLATION \$**

8000.00

**LICENSING \$**

**Can this initiative be partially funded?**

Yes

**COMPUTER HARDWARE \$**

17600.00

**(CH) Explanation of effect of partial funding:**

Only one of the two rooms would be enhanced. This would prevent us from realizing 50% of the benefits described in this initiative.

**COMPUTER SOFTWARE \$**

**(CS) Explanation of effect of partial funding:**

**STAFFING \$**

**(S) Explanation of effect of partial funding:**

**INSTALLATION \$**

4000.00

**(I) Explanation of effect of partial funding:**

Only one of the two rooms would be enhanced. This would prevent us from realizing 50% of the benefits described in this initiative.

**LICENSING \$**

**(L) Explanation of effect of partial funding:**