Initiative Report for IT 2009-10

Center 455 GIS Computer Lab/Classroom Hardware Upgrade

Summary:

This initiative would replace the existing computers in the GIS computer classroom/lab located in the Center building, Room 455. The GIS program was implemented over a year ago, but the program had to start with re-purposed computers as there was no funding available for the computer equipment. Rather than hold off on implementation of the GIS program, ICL located enough older computers to get the program up and running, but this equipment is old, unreliable, and not able to keep up with the demands of the GIS programs.

Description

This initiative will replace the computers in the computer classroom/lab located in the Center building, Room 455 which is used primarily by the Science department's GIS program.

The computers are over 5 years old and several of the machines have been down this past year due to hardware failures. The demands of the GIS program in relation to computing power, coupled with the age and unreliability of the existing computers, makes this room a higher priority for replacement.

This upgrade during fiscal year 2009-2010 will ensure that the students who utilize this lab will have access to computer equipment that is of sufficient quality and reliability necessary to successfully complete their coursework.

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 is linked to past, current, and future unit plans as it is a part of the annual allocation of funding necessary to maintain an industry-standard replacement cycle for all Instructional Computing supported labs/classrooms. The computers in this room are now 5 years old and are overdue for replacement, under that plan.

Funding for this (and all workstation/monitor/printer initiatives) will ensure that all Instructional Computing supported Lane computer labs/classrooms continue to be of an acceptable level and age of technology. This funding ensures that Lane students during the 2009-2010 fiscal year have access to the computer technology that they need to successfully complete their coursework.

To maintain a 4 year replacement cycle on computers, 5.5 years on monitors and 7.5 years on printers, ICL must replace 270 computers, 197 monitors, and 8 printers each year.

Describe the resources needed:

Students will have the technical resources they need to use to complete their GIS courses and homework. This funding will replace all the computers in the GIS computer lab/classroom in the Center Building, Room 455.

Computer Hardware
25 PC Computers (CH) $27,500.00

Request: Technology Fee (CH) $27,500.00

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.

All the computers in the Center 455 computer lab/classroom will be replaced with up-to-date equipment that will reliably fulfill the needs of Science students for the next 4+ years. The increased capacity will allow more students to take advantage of this valuable resource in the Math department. This outcome can be measured by reviewing room maintenance records and room utilization records for previous and future years.

Department Priority:

07

Unit Resources:

Technical staff time for tear-down and disposal of existing equipment, installation of the new equipment, software image creation, re-imaging of the room and continued maintenance and software updates for the life of the equipment.

Funding Request: Carl Perkins

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):

Barbara Barlow
Todd Lutz

4a. Budget ORGN

320301

4b. Budget PROG

210000

5.How many students will benefit per year?

Approximately 2,000

6. Describe the benefit?

The benefit to students is new equipment similar to what they will use in the workforce that is capable of running the software required for the GIS program, as well as other programs. Funding this initiative will help to eliminate the down-time currently being experienced in this room due to aging equipment and lack of adequate computing power.

COMPUTER HARDWARE $

27500

COMPUTER SOFTWARE $

STAFFING $

INSTALLATION $

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: