

Collaborative projects will be given higher preference at every stage of the Tech Fee process

Project Title: Closed Lab PC's

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Collaboration

COLLABORATIVE PROJECTS WILL BE GIVEN PREFERENCE AT EVERY STAGE OF THE TECH FEE PROCESS & A MINIMUM of 15% OF TECH FEE MONIES WILL BE AWARDED TO COLLABORATIVE PROJECTS

If this *is* a collaborative project:

- What two or more departments/groups will use benefit from this project?
Computer Science/Software Engineering and Information Technology
 - How will this collaboration benefit each department?
Provides suitable hardware for completion of class assignments
 - What arrangements have been made for sharing equipment?
Assignment of lab time slots will be coordinated by the department heads.
-

If this project is *not* a collaborative proposal:

- What can be done to make the project useful to other departments and groups on campus?
-

Project Description

(Explain what your project is, why you need it, and what materials and maintenance are involved.)

This is a proposal to purchase 25 PC's for use in the J201L CS lab. This is one of two CSE labs used for closed lab sessions requiring both linux and windows operating systems. The existing PC's in the lab (Howard E7300 amd athalon 32 bit) were originally installed in the CSE open lab where they were heavily used for about 3 years. They were moved to the J201L lab in 2005 and initially dual booted linux and windows operating systems. However the storage requirements of the operating systems and applications software currently being used in these labs has increased to the point that the existing 20 gb hard drives are not large enough to accommodate both systems. The machines when were purchased in in July, 2002 and failure rates due to age and heavy use are also a problem. They will over 6 years old when FY09 technology fee funds are disbursed and perceived to be obsolete by many of our students.

Specifics of the request are:

Campus standard Lenovo PC 25 @ \$800

\$20000

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Request Summary

	Project Total \$	\$ Tech Fee Request
Equipment	20000	20000
Software		
Supplies		
Maintenance		
Salaries		
Other		
TOTAL	20000	20000

- Is this a continuation of a previous tech fee proposal? ____ Yes X No
If yes, what proposal number? _____

- What is the “life expectancy” of the equipment to be acquired?

4 – 5 years

- If the project requires a maintenance agreement, how will it be funded in the future?

none

- Who will manage and support the requested resources?

cse staff

- Has space been approved to house equipment for this project?

yes

- Criticality of project:

The existing PC's in J201L are not suitable for the classes assigned there. The Linux operating system was removed from the PC's in this lab during fall 07 term because the 20 gb harddrives could not accommodate the OS and application files required for both operating systems. As a result students in CS3424 closed labs who have used the LINUX operating system in previous terms are now restricted to Windows only. CS accreditation requires students to be taught in at least 2 operating systems and having only one lab available restricts our ability to meet this need.

- Courses supported:

Classes assigned to this lab vary from term to term, but during fall 07 approximately 120 student in the following classes used the lab:

CS 3424 (2 sections)

IT 3883

CS 1301

CS 3423

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- Number of students served:

Approximately 125 students per semester

- Relevance to Regents Guidelines: (see: <http://www.spsu.edu/techfee/>)

This proposal is relevant to the following Regents Guidelines:

Guideline 1. Technology fee revenues should be used primarily for the direct benefit of students.

The proposed equipment will directly benefit students by improving the appropriate instructional environment and thereby assist them in meeting educational objectives of the academic programs.

Guideline 3. Technology fee revenues should be used for hardware and network related expenditures that include general purpose or special purpose laboratories used by students for productivity and more discipline-related activities.

The proposed equipment would be used by students to complete assignments associated with CSWE or IT classes.

Partial Funding Options (optional)

(If possible, list potential partial funding options, along with a brief description of how partial funding will impact the success of the project)

Approvals

1. Departmental Approval

- *Proposals from students/student organizations require the signature of a faculty/staff advisor.*
- *Proposals from academic areas require the signature of their dean, or the VPAA.*
- *Proposals from staff require the signature of the department or division director.*

Approved by: _____ Title: Dean Computing & Software Engr
Dr. Han Reichgelt

Additional comments or conditions attached?

Signature: _____ Date: _____ ? Yes ? No

2. IT Division Approval

Projects with computer or information technology must be reviewed by IT staff prior to submission to Tech Fee.

Reviewed by: _____ Title: _____

(CIO or IT designee)

Additional comments or conditions attached?

Signature: _____ Date: _____ ? Yes ? No
