

University of Louisiana
at Lafayette

College of the Arts

STEP Grant Request

School of Music Resource Center Upgrade

Robert Willey

Signature of Dean

Title: School of Music Resource Center Upgrade

Date: July 15, 2005

Contact Person: Dr. Robert Willey
Department: School of Music

phone: 482-5204
email: willey@louisiana.edu

Abstract

The School of Music's Resource Center is an open computing lab in Angelle Hall. A hardware and software upgrade is needed to run and allow them to communicate with the server. This will increase the productivity of the lab and make it more useful for students during classes and while doing homework assignments and personal projects.

1. Hardware	\$ 1,276
2 internal hard drives (restore two computers to operation)	
4 MIDI music keyboards (allow music data entry at all stations)	
6 MIDI interfaces (connect keyboards to computers at all stations)	
2 external firewire drives (for audio/video projects)	
2. Software	\$ 2,779
10 copies of OSX Tiger (operating system)	
10 copies of Finale (music notation software)	
10 upgrades of Practica Music (music theory drill)	
1 copy of OSX server (for server)	

3. Supplies

None.

4. Maintenance

The Resource Center is maintained by Dr. Willey, with the assistance of the University Help Desk and Fletcher Hall technology personnel.

5. Personnel

The School of Music's Resource Center is supervised by Dr. Willey. It is monitored by graduate assistants during business hours.

Total: **\$ 4,055**

3. Description of Proposal

a. Purpose of Grant and the Impact to Student Body as a Whole

The grant improves the functionality of the School of Music's Resource Center. Two existing computers will be restored to operation, client and server operating systems will be updated, two important programs will be upgraded, and file storage space will be increased to accommodate video projects. This will capitalize on previous investments and make the Resource Center more useful for students.

The Resource Center is open to all students and frequently used by music majors, education students, and as support for general education elective courses. Several classes meet there and many more have homework assigned that require the use of its facilities.

b. Lifetime of Enhancement

The upgrade will be an asset for at least five years.

c. Person(s) Responsible for implementation, installation, maintenance, operation, and training

Dr. Robert Willey (assistant professor teaching media courses).

d. Details of Proposal's Budgeted Categories.

Two of the Center's ten iMacs need new hard drives in order to run.

There are presently six MIDI music keyboards in the lab. Four more are needed in order to allow students to run music applications (i.e. music theory drills, score notation) at any one of the stations.

There are presently four MIDI interfaces in the lab. Six more are needed, so that every keyboard can be connected to its own iMac.

The iMacs are currently running an old version of OS9. Ten OSX licenses will allow for more efficient operation and maintenance. We have copies of Microsoft Office for OSX that we are anxious to install once the operating system is ready to handle it.

Upgrades are needed for the two operating systems up to the current version of two programs: Finale (score notation) and Practica Musica (music theory drill). Both

programs are needed for numerous music courses, and are also of interest to non-majors interested in learning and composing music.

The server in the lab needs its software upgraded in order to support the ten iMac clients, which use it for shared file space and record keeping of student assignments.

A previous STEP grant provided funding to purchase a video transfer and editing station (an Apple eMac). This has proven to be a valuable resource for teachers and students, allowing for the conversion of video tapes to DVD, used for course materials and feedback for student teachers. Two new firewire drives are proposed to provide for more capacity, allowing for a number of projects to be simultaneously under development. Presently file space is a bottleneck, allowing only one project at a time to go forth.

4. Budget Proposal Form.

See attached spreadsheet.

5. Timeline - Project Implementation Schedule

Fall 2005 – get funding, purchase hardware and software. Install everything during the first half of the semester..

6. Additional Information

None.

7. Previously funded STEP Projects

Dr. Willey received a STEP grant in 2003-4 to upgrade the School of Music resource center in order to add video editing capabilities.