

UNIVERSITY OF LOUISIANA  
AT LAFAYETTE

STEP Committee  
Technology Fee Application

Software for the School of Music

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Title: Software for the School of Music Date: January 17, 2011  
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Department/College/Org: School of Music / College of the Arts

## **ABSTRACT**

Four programs are requested to help students in the School of Music. Sibelius is a program used for music notation that is integrated into the industry standard Pro Tools environment. Microsoft Office will allow students to do word processing and other text operations. Deep Freeze will help keep laboratories and studios working more efficiently.

## **DESCRIPTION**

### **a. Purpose of the grant and impact to student body as a whole**

The School of Music has benefited from a number of previous STEP grants to construct computing facilities. Over time software additional software becomes available that would make activity there more productive. Four programs are requested that will benefit all students.

Currently students taking the School of Music's notation class learn to use Finale, which in the past was the most powerful manuscript engraving program. In the last few years Sibelius, which is much easier to learn, has gained power and rivals Finale for use by professional copyists. It would suit our students much better, since many of them need to learn to use music notation software, and would progress faster. It is a much better choice for education students, and has in the last year been integrated into the Pro Tools environment, which is used by all music media students in our recording studios. It will be immediately incorporated into ten of the core courses in Music Media (i.e. synthesis, sequencing, recording, arranging, film scoring, recital) and be of great value in the theory sequence (required of all music students). It will make it possible to revise the curriculum, for example, to make it possible to use notation software in composing a film score which can then be performed by music students and recorded in the recording classes. Presently students create synthesizer soundtracks only, and do not learn the process of recording instruments reading from scores, which is often done in the film scoring industry. We are proposing network site licenses, which will make it possible for students to run the software in our computer classroom, Resource Center, studios, or anywhere else on campus,

Microsoft Office is a standard package. We would like to have it in our Resource Center and Music Education Lab, so that students can do word processing, create Powerpoint presentations, and learn to make spread sheets in music business class.

Deep Freeze is a maintenance program that will make computers in the computer classroom, Resource Center, and studios work more efficiently. The purpose of the software is to restore the work environment to an optimum setting each time a computer is rebooted. Often times students change settings and leave their work in the wrong place causing the next user to have problems. This causes problems in class when a student's computer is no longer able to run a program, or a variety of discrepancies between students' configurations makes it hard to conduct class. Over time problems creep in, and since there is no IT staff in the School of Music and little support for Apple computers across campus, problems accumulate until summer vacation when one of the teachers has time to try to solve them. Each time a computer is restarted with Deep Freeze such problems are erased. This will save class time and increase productivity to computers in labs and studios, thereby maximizing the benefit of previous STEP investments. This software will be installed on each computer in the computer classroom, Resource Center, and 3 studios, and run automatically each time any one of the computers is turned on.

#### **b. Projected lifetime of enhancement**

The software should be able to be used for at least five years.

#### **c. Person(s) responsible**

##### **i. Implementation**

Dr. Robert Willey and Scott Landry will implement the software into the labs and curriculum.

## **II. Installation**

Dr. Robert Willey and Scott Landry are experts in music technology and notation. They will install the software and hardware in the classroom, Resource Center, and studios.

## **III. Maintenance**

Dr. Robert Willey and Scott Landry will maintain the software.

## **IV. Operation**

Students in synthesis, recording, film scoring, jazz arranging, and theory classes will operate the music software. All students will be able to use Microsoft Office.

## **V. Training**

Dr. Robert Willey and Scott Landry will teach students how to use the software in their classes. A link to documentation will be provided on the School of Music's website and as part of the local documentation on the computers in the Resource Center and studios.

## **BUDGET**

1. Equipment	\$ 0
2. Software	\$ 4,278
3. Supplies	\$ 0
4. Maintenance	\$ 0
5. Personnel	\$ 0
6. Other	\$ 0
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TOTAL	\$ 4,280

Please see attached spreadsheet for budget details.

## **PREVIOUSLY FUNDED STEP GRANTS**

Previous grants detailed online at <http://willshare.com/willeyrk/grants>

“Multimedia Studio Development”, 7/10, \$3,864.

“Hearing Testing Equipment”, 7/10, \$5,019.

“Recording Microphones for Auditorium”, 1/10, \$6,940.

“Server for School of Music”, 1/10, \$5,303.

“Performing and Live Recording System”, 1/09, \$5,185.

"Recording Studio Upgrade: Developing System Input and Output", 7/08, \$11,881, provided array of microphones to increase the number of tracks that can be recorded, and to experience how microphone selection and matching with preamp affect the sound.

"CD Recording System for Angelle Hall", 1/08, \$1,350. Stereo recording setup for auditorium.

"School of Music Resource Center Upgrade", 7/07, \$21,638.

"School of Music Pro Tools Recording System", 7/06, major renovation of recording studio facility creating professional 24-track digital audio recording system, \$41,338. Created Pro Tools HD recording system, which will be compatible with the proposed system in the current grant proposal.

"School of Music Resource Center Upgrade", 7/06, software to create web sites, piano instruction, software, wireless connectivity, administration software, ethernet cabling, Reason synthesis software, \$4,657.

"School of Music Resource Center Upgrade", 1/06, upgrade software and hardware, \$6,055.

"School of Music Resource Center Upgrade", 7/05, upgrade software and hardware, \$4,055

"Resource Center Upgrade", 1/04, upgrade workstations, server, video transfer, and DVD authoring, \$4,902.