

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

**Angelle Hall: Room 253 Smart Classroom
for Remote & Face to Face Teaching**

Title

Chan Kiat Lim & Donny Broussard

Name of Submitter

(Faculty or Staff Only)

College of the Arts

Organization

Title: Smart Classroom Upgrades in Angell Hall, Room 253

Date: July 12, 2021

Name: (Contact Person): Donny Broussard

Address: College of the Arts

Phone Number: 337-482-1428 **Email:** donny@louisiana.edu

Department/College/Org: College of the Arts

Abstract

In 2002, the School of Music implemented a \$105,000 BORSF grant to fund a significant curriculum revision by acquiring new keyboard technology and computers. This Keyboard/Computer Lab contains 13 Yamaha Digital Pianos and 13 Gateway computers– 1 teacher station and 12 student stations –loaded with educational software relevant to the training of pre-service educators and all other music majors. An additional computer is also in the Lab to use for all class piano teachers and pedagogy students.

This heavily used Keyboard/Computer Lab is a valuable asset for music students. Required piano classes for music majors and non-major elective courses meet daily in this Lab, including the summer session. Often, these classes are full, and each computer is utilized. In addition, the Lab is open during the week for students during non-class hours. The Lab is used over 50 hours per week.

Since 2005, the keyboard area has integrated online instructional videos as a vital component of these classes. In 2009 the keyboard area adopted the multimedia website, “eNovativePiano,” as the textbook for all courses taught in this Lab, making the need for computers and appropriate software a necessity.

The computers installed in 2002 are currently dated, and 5 of these are no longer in service, and the printer no longer works. Replacement of the computers, printer, keyboards, and upgrades of the software are urgent. This request seeks \$45,000 to replace the aging and outdated technology.

Advances in technology mean that our students and faculty have very different needs than ten years ago. The present proposal would update our presentation and audio equipment to meet today’s multi-media needs.

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

This grant aims to update the Keyboard Lab and Pedagogy Resource Center by replacing broken and dated computers and printers (acquired in 2002) and upgrading software to the most current version. This STEP application both describes the technology currently held and proposes the following acquisitions:

1. Currently, the keyboard/computer lab (Angelle 253) contains 13 Gateway computers acquired in 2002. Of the original 13, only eight are operational. The remaining five keyboard stations are currently filled with borrowed computers that have already been retired. The Piano Pedagogy Resource Center contains one Apple G5, acquired in 2004, which is presently experiencing video problems. We will replace these with 14 Dell Optiplex Desktop Computers described in this grant if this grant is funded.

2. The Lab's current printer, HP 2200dn, is no longer operational. If this grant is funded, we will replace this with the HP P2055 network printer. This proposal also includes a dual pack of replacement ink cartridges and a 3-year extended care plan.

3. *Finale* Music Notation Software is the industry standard for music composing, notation, and publishing. All music students are expected to develop competence with this software. NASM accreditation requires that students show competence with notation software and integrate it into various music courses. The keyboard/computer lab is currently running *Finale* 2006. There have been five software upgrades since 2006. We want to upgrade to the current version.

These updates to the Lab will transform ANG 253 into an invaluable Lab and student workspace. It will allow for student projects to be completed on industry-standard software and equipment, and faculty will teach knowing that the equipment in the room will work.

Impact on the student body: One of the most heavily used classrooms, up to 50 hours a week.

The courses taught in this Lab:

Required Courses for the Music Curriculum:

Keyboard Skills I-III (MUS 141, MUS 142, MUS 143)

Keyboard Fundamentals for Music Business majors (MUS 102) * also required in new

Recording Arts Program

Keyboard Harmony (MUS 315)

Piano Pedagogy I and II (MUS 271-272)

Elective Course:

Class Piano for Non-Majors I and II (MUS 323-324)

The School of Music enrolls approximately 250 students in the undergraduate program. Each one of these students will use this Lab for a minimum of three semesters during their undergraduate years.

The courses listed above employ a multimedia online textbook, *eNovativePiano*, making computers with access to the internet a necessity. With 1/3 of the computers not working and the other computers currently functioning at slow speeds, the Lab is not conducive to learning and teaching. The present state of the Lab is a severe problem that requires urgent resolution.

b. Projected lifetime of enhancement.

The computers and software should last four to five years, at which point replacement is recommended.

c. Person(s) responsible for.

- i. Implementation: Donny Broussard, Director, Digital Media Resource Center (College of the Arts)
- ii. Installation: Donny Broussard
- iii. Maintenance: Donny Broussard
- iv. Operation: Chan Kiat Lim and Donny Broussard
- v. Training (with qualifications): Chan Kiat Lim

d. Purpose and justification for each of the items listed in the Budget Proposal.

We are requesting 13 Yamaha digital pianos \$49,500.00 total (this comes with the pianos, a controller, cables, benches, and warranty), 13 Desktop Enhanced – Dell Optiplex 7000 Series with Monitor \$1,295.00 each-\$16,835.00 total, and Finale notation software at \$1,950 for 13 licenses, bringing the total for the entire proposal to \$68,285.00.

*Quote and breakdown on the following pages.

Budget Proposal

1. **Equipment** **\$ 66,835.00**

2. **Software** **\$ 1,950.00**

3. **Supplies** **\$**

4. **Maintenance** **\$**

5. **Personnel** **\$**

6. **Other** **\$**

TOTAL: **\$ 68,285.00**



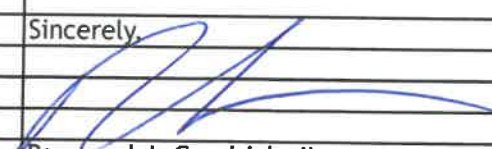
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July 13, 2021

Dr. Chan Kiat Lim
University of Louisiana at Lafayette
Piano Department
Lafayette, LA

Quote 0201021

Quantity	Description	Price Each	Total Price
-		-	-
1	Yamaha Digital Piano Lab Package	49,500.00	49,500.00
-	Including: 1 - Teacher piano - CVP805B	-	-
-	12 - Student pianos - CVP701B	-	-
-	1 - Lab Controller for 13 units and	-	-
-	necessary headphone/mic sets as	-	-
-	well as piano interfaces and cables	-	-
-	Benches for all pianos	-	-
-	Assembly of all pianos	-	-
-	Delivery and installation of the lab	-	-
-	and all pianos.	-	-
-	5 year warranty	-	-
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-	Sincerely,	-	-
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-	Raymond J. Goodrich, II	-	-
-	President	-	-
		TOTAL	\$49,500.00

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\$150 /seat

30+ seats

\$135 /seat

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\$70 /seat

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