UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

MDD 108 Classroom Enhancement

Title

Nathan Dolenc

Name of Submitter
(Faculty or Staff Only)

Department of Educational Curriculum and Instruction, College of Education and Human Development

Organization

Title: MDD Classroom Enhancement   Date: 7.9.2023

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Department/College/Org: Educational Curriculum and Instruction, College of Education and Human Development

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ABSTRACT:

This grant proposal is requesting support to equip Maxim Doucet (MDD) room 108 with updated display equipment, audio equipment, and student workspaces. The updated equipment will allow for more interactive instructional techniques to be used in the classroom, and create a more collaborative and active learning environment for both instructors and students. MDD 108 has an over nine-year-old projector and screen, an eight year-old computer, and no working audio system. Furthermore, the tables and chairs are in poor condition and need replacing. The outdated equipment in MDD 108 has hindered instruction and student collaboration, and has created more of an eyesore impacting the development of our pre-service teachers and recruitment of new students.

The Department of Educational Curriculum and Instruction (ECI) within the College of Education and Human Development (COEHD) is requesting to upgrade MDD 108 with technological improvements including one (1) new computer, one (1) wall mounted Promethean board, one (1) podium with supporting audio equipment, ten (10) collaborative worktables, and twenty-eight (28) rolling chairs. These enhancements support the University's efforts in bringing all departments and colleges to represent a more R1 institution. This funding will directly support and enhance the classroom experience of undergraduate and graduate students, faculty, and staff who use MDD 108.

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

The purpose of this grant is to purchase and install updated equipment for MDD 108 that will lead to increasing support and learning conditions of undergraduate and graduate education majors and improving instructional methods of education faculty.

The impacts of updating equipment in MDD 108 will provide support and development opportunities for pre-service teachers (i.e. undergraduate students), graduate students, and instructors, bring continuity with other updated classrooms in MDD, and improve recruitment and retention of high quality future teachers.

First, the new enhancements to MDD 108 will help support undergraduate preservice teachers and graduate students by opening up possibilities for them to practice various instructional techniques. These enhancements will also extend experiences and opportunities of learning pedagogical and content knowledge from methods courses taught in MDD 108. Overall, these enhancements will improve the ability in educating preservice teachers and graduate students about the benefits of creating engaging classrooms for their current or future students. Furthermore, faculty will have access to the latest displace and presentation equipment. Thus, enhancing their ability to interact and present information to students.

Second, the new enhancements will bring continuity with other updated education-designated classrooms in Maxim Doucet. For example, MDD 304 (pictured to the right) was recently updated with a new podium, computer, Promethean board, and workspace tables and chairs. The new enhancements to MDD 108 will have a similar look to MDD 304.

Finally, the new enhancements to MDD 108 will also greatly improve the College's ability to retain and recruit education majors in undergraduate and graduate programs. The College's teacher education programs will become more competitive by presenting a more modern learning environment in MDD 108. Having a new enhanced space will highlight the College's commitment to inquiry and innovation, and will persuade prospective students, especially those with an interest in the field of teaching, to apply to College. Furthermore, the new enhanced classroom will be highlighted in new recruitment videos.

2. Projected lifetime of enhancement

The projected lifetime of the technology is a <u>minimum</u> of five years. However, a more realistic number would be closer to seven or eight years because students and faculty will not be using the computer, podium, and Promethean board as a personal office. The projected lifetime of the workspace tables and chairs is fifteen years.

a. Person(s) responsible for…

i. <u>Implementation</u>
Nathan Dolenc, Associate Professor in ECI, will be responsible for the implementation and oversight of this project.

ii. <u>Installation</u>
Technology: A state representative will install the Promethean board, and with the assist of ECI/COEHD will install the podium, computer, and all accompanying components.
Furniture: General Office Supply.

iii. Maintenance
ECI/COEHD will provide ongoing maintenance and will address any problems that may occur.

iv. Operation
Faculty and staff within ECI/COEHD will be using MDD 108.

v. Training (with qualifications)
Nathan Dolenc and other faculty from ECI/COEHD familiar with the new Promethean board editions (ActivPanel 9) will train other faculty and staff.

b. **The narrative of the proposal must include the purpose and justification for each of the items listed in the Budget Proposal.**

Audio Visual Podium Presentation System			
Justification: This standard UL Lafayette presentation system, provides campus-supported AV for the room. **Reasoning for Item Selection:** This standard configuration is supported campus-wide by IT thereby facilitating ongoing support and maintenance.			
Trendnet 5 Port Higiabit GREENnet Switch	$25	1	$25
Exact 25" Podium with Rack Rails and keyboard	$1,532	1	$1,532
Extron IN1606 Digital Switcher	$1,596	1	$1,596
Extron MLC Plus 100	$793	1	$793
Extron SMB Box 2 Gang	$133	1	$133
Extron MPA152PLus	$247	1	$247
Extron SM3 Speakers White (Pair)	$187	1	$187
Tecnec 6' HDMI	$9	2	$18
6' VGA with audio cable	$16	1	$16
USB Cam with Mic	$99	1	$99
Samson Meteor Mic	$79	1	$79
Miscellaneous Items	$67	1	$67
USB 33' Cable Extension	$28	1	$28
5 Port Higiabit GREENnet Switch	$25	1	$25
POE 15W Injector	$51	1	$51
ActivPanel 9 4K 86" from Promethean + AppleTV	$5,653	1	$5,653
Apple iMac Desktop Computer with M1 chip, 16GB unified memory, 2TB SSD storage + AppleCare	$2,454	1	$2,454
	Subtotal		*$13,004*

Workspace Tables and Chairs			
Justification: The tables and chairs workspaces will be used to facilitate collaborative and active learning. **Reasoning for Item Selection:** We have used this brand of products in other innovation spaces in the College, including MDD 304. They are very durable and easy to clean and maintain.			
Motivate Collaboration Table Rect 24Dx60W	$589	10	$5,890
Motivate 4-Leg Stack Chair-Set/2	$447	14	$6,258
	Subtotal		*$12,148*
Total for MDD 108	**$25,152**		

3. Complete the Budget Proposal form.

Budget Proposal

1. **Equipment $ 25,152**
    Technology: $ 13,004
    Furniture: $ 12,148

2. **Software** $

3. **Supplies** $

4. **Maintenance** $

5. **Personnel** $

6. **Other** $

TOTAL: **$ 25,152**

4. Include any additional information relevant to your application.

There have been recent efforts to enhance MDD 108. Departmental funds were used in the summer of 2023 to purchase and install new dry erase whiteboards in MDD 108. These new boards replaced the original green chalk boards that had been there since the room was constructed. This STEP grant funding will obviously build on this initial effort to improve MDD 108.

5. Discuss all previous funded STEP projects (if any).

This is my first STEP grant proposal.