UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

Rougeou 313 and 314 Podium Upgrade for Remote Delivery of Instruction and Learning

Title

Harvey Ozbirn

Name of Submitter

(Faculty or Staff Only)

Industrial Technology/College of Engineering

Organization

Title: Rougeou 313 and 314 Podium upgrade for Remote Delivery of Instruction and Learning   Date: July 15th 2020

Name (Contact Person):   Harvey Ozbirn

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Department/College/Org: Industrial Technology/Engineering/UL Lafayette

ABSTRACT (250 words or less):

Both of these rooms are heavily used by several professors in Mechanical, Industrial Technology, and other Engineering departments. Since many of our professors have embraced using document cameras in their remote delivery of courses this spring due to COVID, having a decent computer and document camera permanently in the rooms will only benefit both the instructors as well as students. The class I taught this spring would have been much easier for me, as well as more understandable for the students, if I had a document camera from the beginning of remote delivery. I acquired one towards the end of the semester and had several students comment that the course was very understandable after I used it.

We propose 2 standard desktops, at $965 each, along with 2 document cameras, Iochow S1s at $181 each. Several instructors in Rougeou use these models, and say they work very well.

Purpose of Grant & Impact to Student Body as a Whole

We already have smart classroom podiums set up in the two rooms. We managed to get the podiums by not asking for computers when we applied for them, as we were told there was not much funds. We currently have 2 old computers in the podiums, and as such, we realized early last Spring that they were inadequate for supporting our Engineering software being taught. (Both machines are 6 years old) Since then, as COVID came upon us, we have developed remote teaching techniques that will work well in the rooms, if we can acquire new computers and document cameras. The later part of the Spring 2020 semester, we employed the cameras with great success in many of our remote classes. Many students commented that having the cameras greatly enhanced their understanding of the subjects being taught.

The equipment will still be used daily after the pandemic has passed.

Projected Lifetime of Enhancement

We expect the equipment to last at least 5 to 7 years.

Person(s) responsible for
1. Implementation
   Mr. Harvey Ozbirn, Master Instructor and IT Manager for the College of Engineering.

2. Installation
   Mr. Harvey Ozbirn, Master Instructor and IT Manager for the College of Engineering.

3. Maintenance
   Mr. Harvey Ozbirn, Master Instructor and IT Manager for the College of Engineering.

4. Operation
   Any faculty or staff member that is assigned to the respective rooms.

5. Training (with qualifications)
   Faculty already know how to use the equipment. It has a very user-friendly interface.

Budget Proposal

1.	**Equipment**	**$2,292.00**
2.	**Software**	**$0**
3.	**Supplies**	**$0**
4.	**Maintenance**	**$0**
5.	**Personnel**	**$0**
6.	**Other**	**$0**

TOTAL: **$2,292.00**

Budget Narrative:
All equipment is a one-time expense

Previous Funded STEP Projects

I have had 2 funded STEP projects.:

January 2018 Rougeou 210 Computer Lab Upgrade
January 2017 Rougeou 211 computer memory upgrade