

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

EDCI MDD 303 Computer Replacement

Title

David Lynch

Name of Submitter
(Faculty or Staff Only)

EDCI

Organization

Title: EDCI MDD 303 Computer Replacement Date: 7-12-17
Name (Contact Person): David Lynch
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Department/College/Org: EDCI

ABSTRACT (250 words or less):

I am applying for this grant to replace the current computers in the Maxim Doucet Room 303 computer lab. When we acquired the current crop of computers, George W. Bush was President, the original iPhone was nine months old, and the students reading this application were probably in the 6th or 7th grade. It is time to bring this lab up to the date.

This computer lab serves the students of the College of Education in a number of ways. It is an open access lab for students to complete projects assigned in our main teaching lab. It runs specific education software that our future teachers will encounter when they graduate. It can also be reserved for classes when computer access is needed during class time.

Please consider our request to replace the computers in this lab.

Purpose of the Grant:

The purpose of this grant is to replace the computers in the Maxim Doucet 303 computer lab. All of our majors have to take at least one technology class to graduate. This means that our computer labs are heavily utilized. The College of Ed is one of the largest colleges on campus comprising 1958 undergraduates, with 911 of these looking to end up in the classroom teaching.

The computers in the lab are used to teach software titles specific to the classrooms they will be entering. These include Inspiration (concept mapping), InspireData (data analysis), MapMaker (Spatial analysis), Lego Mindstorms (robotic programming) to name a few. State certification requirements dictate that all certification majors take an education focused computer literacy course. For most students this takes the form of IRED 320, Technology in the classroom. This class teaches software applications during the first half of the semester. The second half of the semester, our students hold weekend camps where local K-12 students utilizing the software learned. The main goal of this class is to provoke higher order thinking in the K-12 students. In essence, given a problem, how would you solve it with the tools taught. Currently, this approach has landed our Lego Robotics team numerous awards in international competitions!

The MDD 303 lab is the sister lab to our main teaching classroom. As such, it is a vital connection to the classes taught. It is open for students to complete assignments when the main classroom is occupied. The same software used in our primary teaching lab is available in this lab. In the Fall there is virtually no time when the main classroom is not utilized for instruction. The Spring semester is a little better, but there are still blocks of time when students are not able to use the main classroom. This leaves the 303 lab as the main workspace for our students to complete their work.

Additionally, the lab is used by our faculty to teach classes when there is need for internet access. It is also used for students to practice with the Promethean Smart boards. Promethean boards are the defacto standard our surrounding five parish service area (where most of our grads will teach). This room serves a very important role in the lives of our students and it is in need of updating.

Projected Lifetime of the Grant

Generally, a five-year lifespan for computers are the standard at UL.

Implementation

Mr. David Lynch will install and maintain the hardware for this grant

Budget Narrative

Twenty-five Apple iMac computers (21.5" screen, 3.0 Ghz Quad Core, 8 GB RAM, 256GB SSD HD) with AppleCare will be purchased and installed (\$38,700). Twenty-five copies of Microsoft Office (\$1,000) will be installed on the computers. The computers will also be licensed for the JAMF management suite (\$2,000) for five years. This software allows the computers to be managed remotely and insures that students have access to their STEP lab files.

Previous STEP Grants

Mr. Lynch has received a number of STEP grants over the last 15 years. The most recent of the awarded grants are: EDCI Mobile Computer Carts (2014), Macintosh Campus Lab Integration (2014), Materials Center Computer Update (2014), UAV's for Student Use (2014), Reading Lab Podium Computer Replacement (2015).

Budget Proposal

1.	Equipment	\$ 38,700.00
2.	Software	\$ 1000.00
3.	Maintenance	\$ 2000.00
TOTAL:	\$ 41,700.00