

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

**Laptop Computers for Mobile Classroom
Projectors in the Department of Mathematics**

Title

**Dr. Ross Chiquet and Dr. James
Kimball**

Name of Submitter
(Faculty or Staff Only)

Department of Mathematics

Organization

Title: Laptop Computers for Mobile Classroom Projectors in the Department of Mathematics Date: 07/13/2016

Name (Contact Person): Dr. Ross Chiquet

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Department/College/Org: Department of Mathematics/College of Science

ABSTRACT (250 words or less):

This proposal is for the purchase of 6 laptop computers that will be linked to two existing and four newly acquired mobile projectors. These mobile projectors and laptops will be made available to all faculty and graduate students for teaching purposes in the Department of Mathematics. Currently, the math department has 4 classrooms equipped either with a SMART board or a stationary computer and projector. However, every classroom contains a projector screen that was historically used with an overhead projector. Along with our mobile projectors, these laptops will allow the use of online content and teaching technology in six additional classrooms.

Description of the Proposal:

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

The main purpose of this grant is to allow the mobile projectors in the Math Department to be more accessible to our teaching faculty and graduate students. Currently, faculty and graduate students must supply their own laptop if they wish to use a mobile projector in their classroom. Currently, the math department has only 4 classrooms equipped either with a SMART board or a stationary computer and projector. However, every classroom contains a projector screen that was historically used with an overhead projector. Along with our mobile projectors, these laptops will allow the use of online content and teaching technology in six additional classrooms.

All 100 and 200 level mathematics and statistics undergraduate courses use technology, such as the TI series calculators, and have an online component and online resources provided by book publishers or by faculty or both. When used with the Math Department's portable screen projectors, these laptops would allow faculty to include online resources into their lecture without the need to be in a SMART classroom.

B. Projected lifetime of enhancement

It is expected that the laptops will last between five and ten years before needing upgrades or replacement.

C. Person(s) responsible for

- i. Implementation:** Ross Chiquet and James Kimball. The department secretaries will be able to check out the equipment.
- ii. Installation:** None required
- iii. Maintenance:** Baker Kearfott, the department's computer maintenance person, along with the Help Desk
- iv. Operation:** Faculty of the Math Department
- v. Training:** No training is required

Budget Proposal

1.	Equipment: 6 - Dell Latitude E5450-5450 Laptops (\$1025.00 per laptop) (Purchased through PC Depot)	\$6150.00
2.	Software: No additional software besides the preinstalled or free software required.	\$0.00
3.	Supplies: None	\$0.00
4.	Maintenance: None anticipated	\$0.00
5.	Personnel: None	\$0.00
6.	Other	\$0.00

TOTAL:	\$6150.00
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