

Henry Ford College

Application for Funding through the Technology Investment Fund

Project Director: Patti Little

Date: January 25, 2016

Department: Accounting

Division: Business and Computer Technology

1. Please describe your project as specifically as possible. Include, but do not limit yourself to, answers to these questions:
 - a. What do you propose to do? Help students while they are working on exercises and problems in accounting, during class. Right now I have to take a portion of my class time and we all walk down to the computer lab so that they can work on the homework management system. I would like to have some students working on the computers who are ready and others may be in the front of the classroom needing more instruction from the instructor. Currently it has to be all or nothing. We all go to the lab and work on the computers, or no one does. This would give much more flexibility of how the instructor uses class time. Also, a lot of classroom time is wasted walking down to the lab and waiting for the lab computers to boot up. There are many times that the lab is overcrowded and there are not enough work stations for my students. It is also very difficult for me to make class announcements when we are in the lab since there are students from different areas there as well.
 - b. Why do you propose to do this? In accounting, students learn by doing. I explain and try to decode the text in a mini lecture and then I want the students to work on what I have just explained. This will reinforce what they have just learned. When the accounting classes were moved to the E building where there was a computer lab available to take the classes, test scores improved. Students were more engaged in the homework management system since they were given some class time in which to work with the instructor's help. This would make working on the computers even more accessible, which would improve the results even more.
2. How many unique students will be served each academic year (Fall through Summer) by your project? "Unique students" refers to unduplicated headcount. Provide detail (course numbers, titles, and enrollments, for example). BAC131-390 students, BAC132-210 students for a total of 600 students.
3. Please provide your project's budget. Address each of the questions, or meet each request, listed below.
 - a. What will be purchased (including model numbers, if appropriate), and what will it cost? Include amounts that are committed from funds other than the Technology Investment Fund, and indicate the source of those other funds.
The budget total is \$14703. That consists of the laptops for \$9000 and the cart for \$2753 and the key card access for the room of \$1500, a bolt for \$250 and installation of an access data point for \$1200.

30 laptops with locking storage and charging cart, see pdf attached.

- b. Where will funds for future maintenance needs, consumables, and such come from?
Not applicable.
 - c. Attach any support for your budget (quotes, for example) to this application, and indicate here what is attached. See attached.
 - d. Rank your needs so that the Technology Investment Committee will have guidance should only partial funding be available to recommend. No need to rank, it is all or nothing.
4. Regarding project location and equipment security, please address each of the questions, or meet each request, listed below.
- a. Describe specifically where items to be purchased will be located or installed. Include room-layout diagrams if appropriate. Indicate the status of any necessary approvals for using the space in which items will be located or installed. The cart will be installed and secured in E143. The cart will be secured to the wall with a cable or chain and the cart itself will also be locked.
 - b. Indicate the status of any necessary approvals for using the space in which items will be located or installed. No additional approvals are necessary.
 - c. Who, specifically, will do the installation? Facilities will install the cart to the wall and install the key card access to the room.
 - d. How will equipment purchases be secured? The cart will be secured to the wall with a cable or chain and the cart itself will also be locked. We will use key card entry for the room with only those teaching in the room that semester having an active key card. The laptops will be signed out during class and returned and inventoried at the end of each class.
5. How, specifically, will you determine the success or shortcomings of your project? Success will be a higher rate of engagement and completion with the homework management system, thus increasing learning reflected in higher exam scores.

Please submit this form and any attachments to the chair of the Technology Investment Committee by the date you have been given. If you are submitting this form electronically, please combine any attachments into a single PDF. (This application form may be submitted as a document separate from the attachments.)