



HENRY FORD COLLEGE

Technology Investment Fund (TIF)

Application for Funding

This form and any attachments must be submitted electronically to the chairperson of the Technology Investment Committee by the published deadline date. (This application may be submitted as a document separate from the attachments.)

Please read the Outline of Approval Process and Expectations of Applicants/Project Directors on the last page, and check the box stating that you agree to the terms of the expectations.

Date of Application: 9/04/2019	Strategic Planning Initiative ID #: 1860
Project Name: Classroom Equipment upgrade in E 240	Total TIF Funds Requested: \$8748.00
Project Director(s): Nick Kussy	Department/Division/School: TAEL/IND. TECH./BEPD
Summary of Project <i>(Please limit to one paragraph.)</i>	
Replace DMM and Function Generators for Lab in E-240----current equipment is non repairable and no longer of service.	
Detailed Description of Project	
Describe your project as specifically as possible. What do you propose to do, and why do you propose to do this? The lab testing students use for their Lab experiments require the use of a Digital Multimeter (DMM) and function generators. All of the meters and generators in the lab (E-240) have some issue that prevents students from complete their labs---we are short changing the students learning in E-240. The age and condition of the current equipment makes them non-repairable from a cost issue.	
Student Impact	
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). With the recent increase of Trade and Apprentice students to the School of BEPD, students are not able to complete labs for their program of study. Equipment is not functioning for the student needs. Student count for the year for TEAL 103, 106, and 280----150 to 200.	
Project Relevance to Technology Investment Committee Guidelines <i>(Address only those that apply.)</i>	

Explain how the project provides technology to multiple courses or programs.

Meters and function generators are the necessary tools used by industry.

Explain how the project introduces student access to technology where it has not been available.

The equipment in E240 is so old it is virtually useless. Servicing our local industries ---this lab is totally short of the mark. Replacing DMM and Generators will provide students with industry standard equipment.

Explain how the project promotes innovation.

We are writing new lab experiments for the courses they teach in E240, (TAE 103, 106, 280)

Explain how the project promotes curricular revision.

See above

Explain how the project supports areas that have established themselves as leaders using technology.

HFC is the leader in Automation Controls and Instrumentation, trades learn their foundation skill in Labs like E-240

Are you pursuing additional funding sources? If so, what are they?

Most of our lab fee budget is already used up by expendable supplies.

Project Budget

What will be purchased? (Include model numbers, if appropriate.) What is the cost? Include amounts that are committed from funds other than the Technology Investment Fund and indicate the source of those other funds.

12 Fluke Digital Multimeters Model 117	\$1890.00
12 RSR 3MHZ Sweep Function Generator Model FG -30	\$ 1600.00
12 Siglent Bench top Oscilloscope Model #SDS1102	\$3000.00
12 DC power supplies Out-put 0-30V/5v	\$1800.00
TOTAL	\$ 7290.00

Where will funds for future maintenance needs, consumables, and such come from?

Forward any support for your budget (quotes, for example) to the chairperson of the Technology Investment Committee and indicate here what has been forwarded.

Rank your needs so that the Technology Investment Committee will have guidance should only partial funding be available to recommend.

Lab equipment is currently needed to support our trade students. Students cannot complete labs.

Project Location and Equipment Security

Describe specifically where items to be purchased will be located or installed. Forward to the chairperson of the Technology Investment Committee room-layout diagrams if appropriate.

Room E 240---Storage cabinets are available in E-240 to lock and secure equipment.

Indicate the status of any necessary approvals for using the space in which items will be located or installed.

None

Who, specifically, will do the installation?

Instructors.

How will equipment purchases be secured?

Lockable storage cabinets currently in E-240

Have you discussed with the Executive Director of Facilities Services to determine what, if any, infrastructure modifications are required to support this project such as electrical upgrades, locks, etc.? What has been determined?

No upgrades just replace.

Have you discussed with the Director of Network and IT Infrastructure to determine what, if any, software and/or network infrastructure modifications are required to support this project? What has been determined

NA

Evaluation

How, specifically, will you determine the success or shortcomings of your project?

Students will be able to complete their labs and skills can be evaluated with feedback from industry.

TIF Funding: Outline of Approval Process and Expectations of Applicants/Project Directors

1. Your project must be consistent with the description of the purpose of the Technology Investment Fund (See II.D.210 in the Faculty Organization Handbook.) and must have been submitted as part of your division's operational plan. Assuming that your project has not been funded otherwise (from general College funds or through Perkins funding, for example), you may complete and submit the application for TIF funding by the announced deadline.
2. A meeting will be scheduled for you to present your project to the Technology Investment Committee. You will be asked to give a short presentation and to take questions from Committee members about your project. The Committee will then meet to determine whether to recommend funding for your project. Please remember that even projects with great apparent merit may not be recommended for funding due to limited funds or other factors.
3. The recommendations of the Technology Investment Committee are forwarded to the President for consideration. Should your project be recommended by the Committee for funding and should the President concur with that recommendation, the funding request is placed before the Board of Trustees for consideration.
4. If your funding request is to be brought before the Board, the Technology Investment Committee Chair will notify you of the date of the Board meeting at which your request will be discussed. You or someone familiar with your project should plan to attend that meeting to answer any questions Board members may have.
5. The Board of Trustees will not actually vote whether to allocate funds for your project until the meeting following the meeting at which your project is discussed. The Board generally does not ask further questions about projects during the meeting in which it takes the vote. The Technology Investment Committee Chair will notify you of the outcome of the Board's vote.
6. Assuming that the Board votes to allocate funds to your project, you will work with the Office of Financial Services and Auxiliary Services and with Purchasing to use your funding to complete your project. (A copy of your proposal will be forwarded to the Purchasing Director.) You are responsible for coordinating the work to be done to complete your project including any tasks required during the Spring and Summer semesters.
7. During the third full semester (Fall or Winter semester) following the semester during which your funding is awarded, you will be asked to provide a written report evaluating your project and to present this report to the Technology Investment Committee.

I (We) have read the TIF Outline of Approval Process and Expectations of Applicants/Project Directors and do agree with the terms of the expectations.

Name(s): Nick Kussy

Date: 9 /05/2019