



**Henry Ford College
Technology Investment Fund
Progress Summary**

NAME OF PROJECT DIRECTOR		DEPARTMENT/DIVISION
Mark Siedlik		Elec. Tech./Industrial Technology
CURRENT DATE	SEMESTER GRANT AWARDED	PROGRESS REPORT STATUS [] Interim [x] Final
4/8/2015	Winter 2013	

PROJECT DESCRIPTION: *A brief summary of the project.*

Adopt the Robot manufacturer that is industry leader and has been chosen by Ford and GM as their robot of choice. Since the College, a couple of years ago, financially supported the adoption of new Programmable Logic Controllers and new touch screen controllers Ford will be sending their Electricians and Engineers to HFCC for re-training

ITEMS PURCHASED: *Please indicate how you spent the funds allocated to you. Where are items purchased currently being used? (Attach separate sheet if necessary.)*

One Fanuc educational Cart Robot for \$38,400

OUTCOMES EXPECTED: *What were the outcomes/goals expected from the project as listed in your original proposal?*

.1. Increase enrollment in Electrical Apprentices- This enrollment has **substantially increased**. Alumni that are Control Engineers or Electricians are re-enrolling in the program. With the adoption of RSLogix 5000, Siemens PLC/HMI and Fanuc robots, the program has created a buzz among Ford Motor Joint Apprenticeship Council. Classes in these subject areas usually fill to capacity within one hour. It is still early, but once this implementation of the technology is marketed I foresee a dramatic growth in enrollment.

PROJECT EVALUATION: *Please summarize how the project was evaluated and the result of that evaluation. What evidence do you have that the outcomes/goals were or were not met? Please include data collected--questionnaire results, etc. Were there any benefits you may not have expected? Any liabilities? Please share any strength and weakness of the proposed project--your honesty will be of help to others.*

We currently have five Fanuc robots. Because HFC has always tried to maintain its cutting edge, it was recently awarded \$4.5 million in technical equipment from the State. Within this 4.5 million State grant that Gary Saganski procured, is the request for five more Fanuc robots. This will allow us to make a quantum leap forward.