



Henry Ford Community College

Technology Investment Fund

Progress Summary

NAME OF PROJECT DIRECTOR		DEPARTMENT/DIVISION
Guy Pizzino		Manufacturing / CNC Industrial Technology
CURRENT DATE	SEMESTER GRANT AWARDED	PROGRESS REPORT STATUS
2/10/14	Fall 2012	
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Final		

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

Requested the purchased of 18 seats of "MasterCam". Industry standard computer aided manufacturing software.

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

Purchased 18 seats of "MasterCam". The software is located on computers in T-131, a computer lab that services CAC/CAM students as well as CNC students.

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

. The current method is lecture/lab with lab projects making up 70% of the classroom experience. Spending the majority of class time in real world problem solving scenarios is the how technology students excel. The implementation of this software will further enhance student engagement with this format.

As a result of this project students will:

- Demonstrate proficiency in writing programs that use the latest industry standard software.
- Demonstrate proficiency in interaction with various computer based programs and manufacturing equipment.
- Demonstrate proficiency in troubleshooting computer program problem areas and the ability to rectify these situations.
- Prepare and organize a written lab report (machine control package) used to emphasize the importance of written and graphical communication.
- The student will be more qualified for high skilled high paying jobs.

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.*

The software was purchased in December of 2012 and the courses using this software are on a winter only offering cycle. As a consequence, students are currently in the first offering of MPS-160 which is the entry level course utilizing MasterCam. Upon completion of this semesters course, students will be surveyed and the results of that survey will be shared with the department advisory committee to verify industry linkages to class outcomes.