



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

NAME OF PROJECT DIRECTOR		DEPARTMENT/DIVISION
Cynthia Scheuer/Stephen Pedley		Physical Therapist Assistant/Health Sciences
CURRENT DATE	SEMESTER GRANT AWARDED	PROGRESS REPORT STATUS
	Installation of equipment was in August 2014 for fall 2014	[] Interim [x] Final

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

Video recording equipment was installed in the PTA lab to be used to record lab experiences which consist of demonstrations by instructors and students, hands on lab activities, patient assessment techniques, and patient treatment activities or skills. This will allow for students to have access to recorded information through the LMS at any time for playback and review. The video recording can also be used to assess student performance and allow the student to self-assess their performance to assist with improvement of student performance.

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

4 LCD monitors 50-55", 1 70" LCD monitor and monitor mounts, ceiling speakers, document camera, portable Sony video camera, tripod, 4 ceiling mounted video cameras, rack equipment with audio and video recording system. (See attached) The equipment was installed in G307 (PTA lab).

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

1. Successfully complete the program with a retention rate of 75% or higher.
2. Demonstrate competence in basic assessment, exercise selection, and application, by 85% of students passing on the first attempt with an 80% or better on the final lab practical at the end of the second semester (winter).
3. Demonstrate competence in basic assessment, exercise selection, and application by a class average of a B or higher (85%) on the final lab practical at the end of the second semester (winter).
4. Demonstrate clinical preparedness by 100% of the students passing the comprehensive lab practical, on the first attempt, given at the end of the third semester (fall).
5. Report that the use of video technology enhanced the learning experience and their comfort in providing care to patients.

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.*

1. At this point, there has not been enough data collected. Since the implementation of the project, there has not been a graduating class that has had the opportunity to have access to the videos developed by the program faculty.
2. This past winter semester 80% of the students passed the final comprehensive on the first attempt. The outcome set was not met. The information was gained by collecting the data from the final comprehensive scores from winter semester of 2015.
3. This past winter semester the average on the final comprehensive was 80.4%. The outcome was not met. The data was gained by determining the average of the students that completed the final practical exam.
4. This past fall semester 100% of the students passed the final lab practical on the first attempt. This was a lab practical that was assessed by clinicians working in the local physical therapy facilities. Fourteen of sixteen (87.5%) students passed the comprehensive orthopedic exam. The outcome was partially met. Data was collected from the comprehensive exam scores.
5. Attached are the results of a student survey that was completed at the end of the fall semester 2015.

There are currently 35 videos in all the classes combined. The total number of times the videos have been viewed is 2607. The videos are watched an average of 74 times.