

# Course Assessment– Part B: Your Results & Analysis

#103

Your Email \*

Please select your course & name from the list. Contact Instructional Services if your course or name are incorrect or missing.

MEC 120 Hydraulics – Jim Pytel – Winter 2016

## Results

1a. Report the outcome achievement data gathered via the assignments, test, etc. you identified in question 3 of your Part A. \*

Students applied basic hydraulic principles to predict behavior of hydraulic circuits.

Students built, operated, maintained, and troubleshoot manually controlled hydraulic circuits.

Students built, operated, maintained, and troubleshoot electrically controlled hydraulic systems.

1b. Report the percentage of students who mastered each outcome that you identified in question 3 of your Part A.

Apply basic hydraulic principles to predict behavior of hydraulic circuits.

## Outcome #1 \*

% of students who successfully achieved the outcome: \*

93.3

## Outcome #2 \*

Build, operate, maintain, and troubleshoot manually controlled hydraulic circuits

% of students who successfully achieved the outcome: \*

93.3

## Outcome #3 \*

Build, operate, maintain, and troubleshoot an electrically controlled hydraulic system.

% of students who successfully achieved the outcome: \*

93.3

Reflect on your assessment results and provide analysis, considering what contributes to student success and/or lack of success. Include feedback from student course evaluations as appropriate. \*

Most students seemed to do well in class. Had to slightly reschedule class a couple weeks in because of work and family obligations for a couple students. One comment said they didn't like the change. One comment said they liked the new schedule. You can't win them all.

Also, I think I tried to jam too much into one long lab period once a week. We regularly ran over trying to do a quiz and two labs each week.

Based on your analysis in the questions above, what course adjustments are warranted (curricular, pedagogical, etc.)? \*

I think I might try to offer two shorter lab periods each week rather than cramming everything into one lab. Also this might allow me to include time for a recitation or review session.

What resources would be required to implement your recommended course adjustments (materials, training, equipment, etc.)? What Budget implications result? \*

No additional physical resources, however, will require rescheduling 2 shorter lab/workshops per week.

Were your assessment methods accurate indicators of student learning? Why or why not? Any additional comments?

The assessment methods were accurate indicators of student learning.

(OPTIONAL) Reflect on any adjustments you made from the last assessment of this course and their effectiveness in student achievement of outcomes?

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