

Course Assessment – Part A: Your Plan

#80

Your Email *

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

MEC 120 – Pytel

Outcome #1 * Apply basic hydraulic principles to predict behavior of hydraulic circuits.

Outcome #2 * Build, operate, maintain, and troubleshoot manually controlled hydraulic circuits.

Outcome #3 * Build, operate, maintain, and troubleshoot an electrically controlled hydraulic system.

Have you completed an assessment for this course prior to this term? Yes

If yes, are you assessing different outcomes? Yes

Comments: I think this officially changed to MEC120 this year from RET120?

2. To which degree, certificate or program outcomes do these course outcomes map? Degree, Certificate & Program Outcomes can be found at:
<http://www.cgcc.edu/curriculum/program-outcomes>

- Renewable Energy Technology Certificate (RET)

Outcome #1 Method to assess student understanding * Students will calculate pressure and force in basic hydraulic circuits.

Outcome #2 Method to assess student understanding * Students will build flow control, pressure control, accumulator, and regenerative extension hydraulic circuits.

Outcome #3 Method to assess student understanding * Students will build, operate, maintain, and troubleshoot an electrically controlled hydraulic system.

4. How will you know if you were successful in your efforts to teach this outcome? 70% of students will properly calculate force and pressure for basic hydraulic circuits.

Outcome #1 *

How will you know if you were successful in your efforts to teach this outcome? 70% of students will predict the behavior of flow control, pressure control, accumulator, and regenerative extension hydraulic circuits.

Outcome #2 *

How will you know if you were successful in your efforts to teach this outcome? 70% of student will build an electrically controlled hydraulic system that properly executes the desired sequence.

Outcome #3 *

#1

#2

Do you require the names of students who complete the course evaluation survey? * • No

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