

Course Assessment – Part A: Your Plan

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Your Email *

Please select your course & name from the drop-down menu. Contact Instructional Services if your course or name are incorrect or missing

RET 223 Power Generation – 1092543 – Jim Pytel – Spring 2018

Part A: Your Plan
[Directions](#)

Apply intermediate electronics principles to analyze the behavior of motors, generators, power electronics, and transmission circuits.

1. Choose three of your course outcomes to assess and report on this term (these will also be used in your Student Course Evaluation survey):

Outcome #1 *

Outcome #2 *

Perform a solar site analysis using publicly available resources, instrumentation, and software simulation.

Outcome #3 *

Write technical reports using collected experiment data.

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

If yes, are you assessing different outcomes? No

Comments:

2. To which degree(s) or certificate(s) does your course map?

- Electro-Mechanical Technology Certificate

[Degree, Certificate, & Program Outcomes](#)

Method of Assessment

Students will predict, build, and verify electrical and mechanical behavior of motors, generators, power electronics, and transmission circuits.

3. What methods will be used to assess individual student understanding of each of these outcomes? (Please be specific.)

Outcome #1: Method to assess student understanding *

Outcome #2: Method to assess student understanding *

Students will perform a solar site analysis using publicly available resources, instrumentation, and software simulation.

Outcome #3: Method to assess student understanding *

Students will write technical reports using collected experiment data.

4. How will you know if you were successful in your efforts to teach this outcome?

Students are capable of predicting, building and verifying mechanical and electrical behavior of motors, generators, power electronics, and transmission circuits

Outcome #1: *

Outcome #2: How will you know if you were successful in your efforts to teach this

Students are capable of performing a solar site analysis.

outcome? *

Outcome #3: How will you know if you were successful in your efforts to teach this outcome? *

Students are capable of recording, plotting, interpreting, and communicating experimental data.

5. Instructor Questions: Create two course specific questions to be included on the Student Course Evaluation.
Question #1

Do you feel confident in your understanding of asynchronous and synchronous motors and generators?

Question #2

Do you feel confident in your ability to perform a solar site analysis?

Do you require the names of students who complete the course evaluation survey?
(Please note: names will be sent to instructors the Thursday before term ends)

NO

Reminder, when completing Part B, instructors will be asked the following questions:

1. Describe anything you did to support the institutional effort to support students in improving "Sources and Evidence" and/or "Organization and Presentation" for the CLO Communication

2. Describe anything you did to support the institutional effort to support students in improving "Student Position" and/or "Evaluate Potential Solutions" for the CLO Critical Thinking/Problem Solving

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