

Course Assessment – Part A: Your Plan

#159

Your Email *

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

EET 111 – DC Circuits – Pytel – Fall 2016

Part A: Your Plan
[Directions](#)

Apply basic electrical DC concepts and theorems to analyze 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 *

Build, simulate, and troubleshoot DC circuits and perform measurements with electronic test equipment.

Outcome #3 *

Use circuit simulation software to analyze DC circuits.

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, certificate or program outcomes do these course outcomes map?
[Degree, Certificate, & Program Outcomes](#)

- Associate of Applied Science – Renewable Energy Technology (RET)
- Renewable Energy Technology Certificate

Method of Assessment

Students will solve for voltage, current, resistance, power, and energy figures given an example circuit.

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 demonstrate proper use of a voltmeter, ammeter, and ohmmeter on live circuits in a lab.

Outcome #3: Method to assess student understanding *

Students will build and simulate circuits using circuit simulation software.

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

80% of students will be able to properly solve for the desired voltage, current, resistance, power, and energy figures given an example circuit.

Outcome #1: *

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

80% of students will be able to demonstrate proper use of a voltmeter, ammeter, and ohmmeter on live circuits in a lab.

outcome? *

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

80% of students will be able to properly build and simulate circuits using circuit simulation software.

5. Instructor Questions

Create two course specific questions to be included on the Student Course Evaluation.

#1

#2

Do you require the names of students who complete the course evaluation survey? *

- No

Created 1 Dec 2016 1:57:07 PM		Updated 3 Dec 2016 7:03:26 AM
PUBLIC		COLUMBIAGORGECC