

Course Assessment – Part A: Your Plan

#79

Your Email *	jpytel@cgcc.edu
Please select your course & name from the list. Contact Instructional Services if your course or name are incorrect or missing	EET 252 Digital Electronics 2 – Pytel
Outcome #1 *	Determine the behavior of basic sequential devices (SR Latch, D Latch, D Flip Flop, JK Flip Flop) and interpret specifications sheets.
Outcome #2 *	Analyze and design a finite state machine to implement a task.
Outcome #3 *	Utilize combinations of sequential devices to build registers that store and manipulate data.
Have you completed an assessment for this course prior to this term?	No
If yes, are you assessing different outcomes?	No
Comments:	
<p>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</p> <ul style="list-style-type: none"> • Renewable Energy Technology Certificate (RET) 	
Outcome #1 Method to assess student understanding *	Students will be given timing diagrams and asked to determine the behavior of basic sequential devices (SR Latch, D Latch, D Flip Flop, JK Flip Flop).
Outcome #2 Method to assess student understanding *	Students will be asked to design a finite state machine to implement a task.
Outcome #3 Method to assess student understanding *	Students will be asked to build registers that store and manipulate data
4. How will you know if you were successful in your efforts to teach this outcome?	70% of students can successfully interpret timing diagrams of basic sequential devices (SR Latch, D Latch, D Flip Flop, JK Flip Flop).
Outcome #1 *	
How will you know if you were successful in your efforts to teach this outcome?	70% of student designed finite state machine will execute the desired sequence given specific input conditions.

Outcome #2 *

How will you know if you were successful in your efforts to teach this outcome? 70% of student built register circuit properly executes desired serial/parallel in/out task.

Outcome #3 *

#1

#2

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

- No

Created 2 Feb 2016 10:12:44 AM		Updated 2 Feb 2016 10:22:42 AM
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