

# Course Assessment– Part B: Your Results & Analysis

#102

Your Email \*

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: Programmable Logic Device – 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 were given timing diagrams and successfully determined the behavior of basic sequential devices (SR Latch, D Latch, D Flip Flop, JK Flip Flop).

Students designed a finite state machine to implement a task.

Students built registers that store and manipulate data.

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

Determine the behavior of basic sequential devices (SR Latch, D Latch, D Flip Flop, JK Flip Flop) and interpret specifications sheets.

### Outcome #1 \*

% of students who successfully achieved the outcome: \*

100

### Outcome #2 \*

% of students who successfully achieved the outcome: \*

Analyze and design a finite state machine to implement a task.

100

### Outcome #3 \*

% of students who successfully achieved the outcome: \*

Utilize combinations of sequential devices to build registers that store and manipulate data.

100

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. \*

Students seemed to do well this quarter.

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

No adjustments necessary.

What resources would be required to implement your recommended course

No additional materials required. May need to upgraded to new FPGA development boards in next 2–3 years.

adjustments (materials, training, equipment, etc.)? What Budget implications result? \*

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

Assessment methods seemed to be 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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