Course Assessment - Part A: Your Plan   `COMPLETE`   #503

Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, contact the Curriculum and Assessment Administrative Assistant, 541-506-6037 or swade@cgcc.edu.

EET 252 - Digital Electronics II: Programmable Logical Devices - 1096402 - Chris Spengler - Winter 2021

* Part A: Your Plan DIRECTIONS 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

Use behavioral modeling with VHDL to build a logic circuit with a FPGA programmable logic device.

* Outcome #2

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

* Outcome #3

Analyze and design a finite state machine to implement a task, using MultiSim.

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

Yes

If yes, are you assessing different outcomes?

No

Comments:

(No response)

2. To which degree(s) or certificate(s) does your course map? Degree, Certificate, & Program Outcomes

Associate of Applied Science: Electro-Mechanical Technology

* Method of Assessment 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

quizzes, midterms and finals

* Outcome #2: Method to assess student understanding

online labs, in person labs and homework assignments

* Outcome #3: Method to assess student understanding

attendance and participation in class

* 4. How will you know if you were successful in your efforts to teach this outcome? Outcome #1:

quizzes will be graded based on percentage of correct answers

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

completion of labs and homework assignments

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

completion of labs, quizzes and exams

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

Did you feel this course met your meet your expectations in preparing you for future employment?

Question #2

Did you feel you received for value for the course you paid for?

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: Describe anything you did to assist the institutional effort to support students in improving achievement of the specified criteria for the following Core Learning Outcomes (CLO): 1. CLO#1 - Communication -
"Sources and Evidence" and/or "Organization and Presentation" 2. CLO#2 - Critical Thinking/Problem Solving -
"Student Position" and/or "Evaluate Potential Solutions" 3. CLO#4 - Cultural Awareness -
"Curiosity" (Encouraging our students to "Ask deeper questions about other cultures and seek out answers to these questions") 4. CLO#5 - Community and Environmental Responsibility -
"Understanding Global Systems" and/or "Applying Knowledge to Contemporary Global Contexts" 5. CLO#3 -
Quantitative Literacy - "Application/Analysis" and/or "Assumptions"**

(No response)