

# Course Assessment – Part A: Your Plan

#402

Your Email \*

Please select your course & 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 ggilliland@cgcc.edu.

EET 251 – Digital Electronics 1: Programmable Logic Devises – 1094279  
– Chris Spengler – Fall 2019

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):

Read, express, and convert between decimal, binary, 2's complement, hex, BCD, Gray's, or octal number system

Outcome #1 \*

Outcome #2 \*

Determine the behavior of basic logic gates (AND, OR, NOT, NAND, NOR, XOR, and XNOR) in a circuit.

Outcome #3 \*

Use a programmable logic device and hardware definition language to implement a minimized logical expression

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

If yes, are you assessing different outcomes? Yes

Comments:

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

quizzes and exams

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 \*

labs

Outcome #3: Method to assess student understanding \*

end of quarter student survey

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

quizzes, exams, completion of labs and class/lab attendance

Outcome #1: \*

Outcome #2: How will you know if you were test scores

test scores

successful in your efforts to teach this outcome? \*

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

observation of completed labs

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

Do you feel this course has been beneficial to your understanding of Computer Science and Digital Electronics?

Question #2

Were the labs beneficial to your understanding of the courses video lectures and subject matter?

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:

Columbia Gorge Community College

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"

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