

Course Assessment – Part A: Your Plan

#205

Your Email *

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

CS 271 – Computer Systems – Robert Surton – Spring 2017

Part A: Your Plan
[Directions](#)

Perform arithmetic in hexadecimal, decimal, and binary notation, and convert among these notations.

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 *

Understand how data types such as integers, characters, floating point numbers, arrays, pointers, and structures are normally represented in memory.

Outcome #3 *

Apply the basic instruction set architecture of a commonly-used microprocessor, including the arithmetic/logic instructions, registers, memory model, addressing, and control instructions. Recognize how exceptions, traps, and context switches occur and how they are handled at the machine level.

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

No

If yes, are you assessing different outcomes?

Yes

Comments:

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

- ASOT-CS (Associate of Science Oregon Transfer – Computer Science)
- AS-CS (Associate of Science: Computer Science)

Method of Assessment

Project-based construction of a simulated CPU and programs that run on it.

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 *

Project-based construction of a simulated CPU and programs that run on it.

Outcome #3: Method to assess student understanding *

Project-based construction of a simulated CPU and programs that run on it.

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

Successful completion of project.

Outcome #1: *

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

Successful completion of project.

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

Successful completion of project.

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

What comments do you have on the tools (physical and software) we used in this course?

Question #2

What relationship do you see between the very-low-level computer design we covered in this class and programming?

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

- No

<p>Created 2 Apr 2017 10:18:38 AM</p>	
PUBLIC	