PC/CP300 Electronics Laboratory II
Lab Evaluation Results
Wilfrid Laurier University

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Fall 2013

This evaluation for the purpose of evaluating my teaching methods and your impressions of this course. It is anonymous and you can omit any question(s) you don't wish to answer.

General

Choose the answer which best expresses your feelings about the course.

1. The lecture quizzes were

   50% at a reasonable level of difficulty

   17% a good test of important concepts

   33% both of the above

   0% neither of the above

2. The pre-lab requirements were

   33% good preparation for the labs

   0% a reasonable requirement for the marks assigned

   67% both of the above

   0% neither of the above

3. Did preparing for the lab ahead of time help you in the lab?

   17% Yes, it saved time in the lab.

   33% Yes, it helped me understand what to do in the lab.

   50% both of the above

   0% neither of the above

4. Including reading documents or watching videos about how long did you spend each week preparing for the lab?

   50% Less than 15 minutes

   50% Between 15 minutes and 1/2 hour

   0% Between 1/2 hour and 1 hour

   0% More than 1 hour

   0% It varied greatly, from a few minutes to more than 1/2 hour.

5. Being required to demonstrate things in the lab was

   17% useful to summarize important sections of each lab

   17% a good way to have part of the lab mark assigned

   67% both of the above

   0% neither of the above

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6. The post-lab questions were

   0% well-chosen to test what was learned in the lab

   50% reasonable to be able to answer after doing the lab

   50% both of the above

   0% neither of the above

7. Keeping a lab notebook was

   83% a good idea because it kept all important information in one place

   0% easy to learn to use productively

   17% both of the above

   0% neither of the above

8. Using the lab notebook for quizzes was

   50% helpful for the quizzes

   17% good for helping to know what to write in the notebook in the labs

   33% both of the above

   0% neither of the above

   0% The notebook wasn't really needed for the quizzes.

9. The lab notebook summaries were

   33% a useful exercise

   0% helpful for quizzes

   67% both of the above

   0% neither of the above

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10. The lab web page was

    17% organized and easy to follow

    17% better than having a printed lab manual

    67% both of the above

    0% neither of the above

    What did you think about the extra resources on the web site (links, videos, etc.)? For each item, use the following scale:

    (a) almost never

    (b) rarely

    (c) fairly often

    (d) almost always

11. (**0% 50% 33% 17%**) I *clicked on* the optional links.

12. (**0% 17% 67% 17%**) I *was helped by* the optional links.

13. (**17% 50% 17% 17%**) I *watched* the videos.

14. (**17% 33% 33% 17%**) I *was helped by* the videos.

15. The lecture notes posted online were

    83% helpful to follow

    0% more useful than the actual lecture

    17% both of the above

    0% useless

    0% unnecessary

16. The lectures

    17% provided *useful* background for the labs

    33% provided *sufficient* background for the labs

    50% both of the above

     0% neither of the above

17. In some lectures, I showed videos as part of the lecture. What did you think of that?

    67% The videos were usually a good addition to the lecture.

     0% The videos were usually a waste of time.

     0% The videos were usually good, but could have been watched some other time.

    33% I don't remember any of the videos.

18. There's no required textbook for this course. How do you feel about that?

    33% I would have liked one would have bought one if it covered most of the topics in the course.

     0% I might have bought one if it covered some of the topics I didn't understand well.

     0% I might have bought one if it seemed to be a good reference book.

    50% I wouldn't have bought one this year because the lecture material was sufficient.

    17% I never buy textbooks unless they're needed for assignments, etc.

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19. What do you think about the split between theory and practice in this course?

   0% The course has too much theory.

   0% The amount of theory is OK, but it's not clear how this will fit with other courses now or in the future.

   17% The course is too much practice and not enough theory.

   17% The amount of practical material is OK, but it's not clear how this will fit with other courses now or in the future.

   67% The mix of theory and practice seems about right.

   For the following questions, use the following scale to indicate how much you agree with the statement that you feel comfortable with the tasks in question:

   (a) disagree strongly

   (b) disagree

   (c) neither agree nor disagree

   (d) agree

   (e) agree strongly

20. (**0% 0% 33% 50% 17%**) I feel comfortable figuring out how to use an unfamiliar device from the data sheet.

21. (**0% 0% 17% 67% 17%**) I feel comfortable building circuitry to produce a desired range of output voltages from a sensor.

22. (**0% 0% 33% 17% 50%**) I feel comfortable building circuitry to control a DC motor or relay from any type of input.

23. (**0% 17% 33% 33% 17%**) I feel comfortable using operational amplifiers in various configurations as needed.

24. (**0% 0% 50% 17% 33%**) I feel comfortable combining sensors, actuators, and other components as needed to produce more complex circuits.

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25. I thought that the lab project was

    33% at a reasonable level of difficulty

    33% a good way to bring together important concepts

    33% both of the above

    % neither of the above

For the following questions, use the following scale to indicate how much weight you think should be placed on each of the components in the final course grade:

    (a) nothing

    (b) 5 or 10%

    (c) 15 or 20%

    (d) 25 or 30%

    (e) more than 30%

26. (**0% 100% 0% 0% 0%**) Lecture *quizzes*

27. (**20% 60% 0% 20% 0%**) *Pre-lab* online quizzes

28. (**60% 20% 20% 0% 0%**) *Pre-lab* requirements (**other than** online quizzes)

29. (**0% 20% 40% 40% 0%**) Lab *demonstrations*

30. (**0% 40% 40% 20% 0%**) Lab *notebooks and postlabs*

31. (**0% 20% 20% 20% 40%**) Lab *project*

32. (**20% 0% 20% 60% 0%**) A written *final exam* (which doesn't exist now)

33. Many of the labs had parts that were geared to the project, such as using op amps with a 7.2V supply. Was that worthwhile?

   50% Yes, I referred to a lot of those things for the project.

   33% A bit; one or two of them were useful for the project.

   17% Not really; the project was pretty much a new thing.

    0% I never noticed that anything from the labs was geared to the project.

34. The possibility of demonstrating sub-tasks for the project early

   50% helped me break down the project into modules

   17% made it easier to schedule my work.

   17% Both of the above

   17% Neither of the above

35. Having crossover between different courses (eg. A/D and D/A lab in PC364 and PC300)

   33% reduced the workload for the term.

   17% made the connections between the courses more obvious.

   50% Both of the above

    0% Neither of the above

36. Did the similarity in format and expectations to the PC/CP200 labs help you in these labs?

   67% Yes, quite a bit.

   33% Yes, but only a little.

    0% No, but neither one seemed very hard.

    0% No, this was like a completely different endeavour.

    0% I didn't take PC/CP200.

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37. In order to improve teaching beyond my own courses, I'd like to be able to share the results of these evaluations with other instructors, students, etc. May I have your permission to do that?

   100% Yes, I'd be glad if any improvement could come from this.

   0% Yes, this is anonymous enough that I don't mind how the results are used.

   0% No, this isn't anonymous enough for me to be comfortable with the results being shared.

   0% No, even though this is anonymous I don't want the results to be shared.