

University of California, Santa Barbara
Dept. of Electrical and Computer Engineering
ECE 15B – Computer Organization
Homework #0 – Survey

Student Questionnaire: worth 0 points if done, -100 points if not done

Please answer the following questions, attach a photo of yourself and return the survey in class next Tuesday (April 11). It will help us get acquainted with you individually and give a better gauge of the mix of backgrounds in this course.

- Name:

- Student ID number:

- Email:

- Web page:

- Local phone:

- Major/Degree/Year:

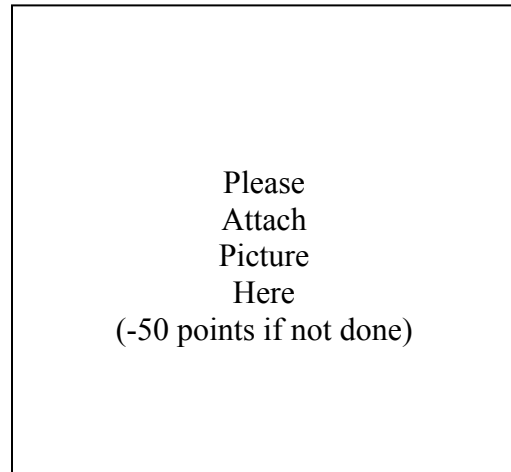
- Circle Discussion Section (Mon 6pm) (Mon 7pm) (Wed 6pm)
(Fri 9am) (Fri 10am)

- Give the semester taken and instructor name for the following prerequisite. If you received credit for an equivalent course, please explain:

ECE 15A:

- Please give us a secret 12 digit ID number (not your SID!) We will use this for distributing grades over the web. If you neglect to give us a code or use your SID, then you will not be able to get your grades from the web.

Secret code:



For the following set of questions, use this definition of cheating: "Cheating is the unauthorized use of information or study guides in any academic exercise." Answer the multiple choice questions by circling your choice.

1. Based on your experience (you've seen it, your friends or classmates have told you they've done it, etc.), what percentage of students do you think cheat on some homework assignments in ECE classes?
 - a. None
 - b. 10% or less
 - c. 10% to 25%
 - d. 25% to 50%
 - e. 50% to 75%
 - f. 75% to 90%
 - g. 90% or more
2. Based on your experience, what percentage of students do you think cheat on some exams (midterms, finals, ...)?
 - a. None
 - b. 10% or less
 - c. 10% to 25%
 - d. 25% to 50%
 - e. 50% to 75%
 - f. 75% to 90%
 - g. 90% or more
3. Do you think cheating is more likely or less likely in ECE classes than other classes on campus?
 - a. Much less likely
 - b. Slightly less likely
 - c. About the same
 - d. More likely
 - e. Much more likelyWhy do you think so?

4. Based on your experience, what fraction of the cheater do you think get caught and punished in ECE classes?
 - a. None
 - b. 10% or less
 - c. 10% to 25%
 - d. 25% to 50%
 - e. 50% to 75%
 - f. 75% to 90%
 - g. 90% or more
5. Care to add any comments on cheating?

Computer equipment that you use at your campus address (processor type & speed, memory size, disk space, OS, network connection speed/type)

What are your main plans after graduation: Industry, Masters or PhD? In what field?

Rate your knowledge from 1-10 in the following areas based on the following descriptions:

1 – I know very little about this topic or don't know it at all

3 – I vaguely remember this topic in one of my classes

5 – I remember this topic in my classes and could understand it with a little brushing up

7 – I know this topic well i.e. I would do fairly well if tested on it now

10 – I know this topic very well i.e. I would get a near perfect score if tested on it now

Boolean algebra:

Simplification of Boolean functions:

K-maps:

Quine-McClusky method:

Petrick's method:

Muxes:

3-state buffers:

PLAs:

Multilevel circuits:

Data representation (unsigned, ones/twos complement):

Register Transfer design and microoperations:

Digital computer organization:

ROM/RAM:

Number systems (binary, octal, hex):

Half/Full Adder & Ripple Carry Adder:

Truth Table, Minterm, maxterm expressions:

Boolean cube, Implicants and prime implicants:

Assembly language programming:

C language programming:

Java

C++ language programming:

What do you think were the most important topics that you learned in 15A?

What were the least important topics that you learned in 15A?

What topics did you have a difficult time understanding from 15A?

What do you hope to learn from this course?

Any other comments or questions?

Carefully read the following websites:

<http://hep.ucsb.edu/people/hnn/conduct/disq.html>

<http://kiosk.ucsb.edu/academicservices/academicdishonesty.asp>

And sign below stating that you have read and understand these documents.

I have carefully read and understand all the information about academic dishonesty:

Signature

Date