Computer Logic & Circuit Desgn (2021 Fall Semester)

Instructor: **Hanson, Jordan**
Subject: **COSC**
Catalog & Section: **330 1**

Enrollment: **16**
Responses Incl Declines: **8**
Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	72	50.0%	4.8	4.5	5.0	5.0	0.7
Instructor's Questions	16	25.0%	3.3	3.3	4.0	4.0	1.9
Course	56	50.0%	4.2	4.7	5.0	5.0	1.5
Professor - Jordan Hanson	72	50.0%	4.7	4.7	5.0	5.0	1.0

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	8	0%	0%	75%	25%	0%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	8	0%	13%	75%	13%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	8	50%	4.7	4.8
I was academically prepared to handle the material.	8	50%	4.9	4.7
I came prepared for each class session (i.e. have read all course readings and completed assignments).	8	50%	4.6	4.7
I actively participated in class discussions.	8	50%	4.8	4.2
I attended scheduled office hours if I had questions about the course material.	8	50%	5.0	4.2
I tried to relate course material to other things I know and/or study.	8	50%	5.0	4.7
I worked to my full potential in this course.	8	50%	5.0	4.7
I was satisfied with my performance in this course.	8	50%	4.9	4.4
I had a strong desire to take this course.	8	50%	4.1	4.1

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Instructor's Questions

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
In addition to being a full-time Whittier College student, I also work a part-time or full-time job.	4	25%	2.3	2.3
In addition to being a full-time Whittier College student, I also play a varsity sport.	4	25%	3.0	3.0
I found it easy to balance course work, in general, with other obligations this semester.	4	25%	3.8	3.8
I found it easy to balance course work, in this course specifically, with other obligations this semester.	4	25%	3.8	3.8

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	8	50%	4.9	4.9
This course was academically challenging.	8	50%	4.9	4.9
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	8	50%	3.9	4.8
This course had grading criteria that were clearly identified.	8	50%	4.3	4.7
This course improved my understanding of the material.	8	50%	3.9	4.7
This course increased my interest in the subject matter.	8	50%	3.7	4.3
Overall, I would recommend this course to others.	8	50%	3.7	4.4

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Professor - Jordan Hanson

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	8	50%	5.0	4.9
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	8	50%	4.4	4.7
The professor was able to explain complicated ideas.	8	50%	4.0	4.7
The professor challenged students to think critically and/or imaginatively about the course material.	8	50%	4.4	4.8
The professor provided clear and timely feedback.	8	50%	5.0	4.8
The professor encouraged meaningful class discussions.	8	50%	4.8	4.7
The professor was receptive to differing views.	8	50%	5.0	4.8
The professor was available for help outside of class.	8	50%	5.0	4.9
Overall, I would recommend this professor to others.	8	50%	4.3	4.7

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

Open Ended Responses

Written Comments (32 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

1 Computer logic is part of the title of the course, but I still do not know how anything that we discussed actually goes on inside of a computer. There is very little application to real devices. Learning about bits and bytes, boolean algebra, and logical gates is important only if it is connected to how hardware actually works. Overall, material and the textbook was dry and did not offer much insight other than pencil and paper problems.

2 I wish we had spent a solid day learning to use wavedrom because it would helpful to have been show how.

3 prof is very nice and cares a lot about his students. He recognizes when we need a break and is interested in the subject

4 N/A

5 !

6 N/A

7 .

8 This course was better than other experiences ive had in computer related courses mostly because it didnt depend on computer coding which Im not a fan of

Q: What were the best aspects of this course? (Please be specific.)

1 Lab time

2 I really enjoyed getting to learn how to solder and the testing style.

3 the course crosses physics and computer science

4 The labs

5 !

6 Learning new material was challenging but perhaps the best part about class. The professors willingness to help students and go beyond was really amazing. Overall i am happy that the professor is so kind and understanding and is there to help students.

7 .

8 I really liked the design aspect of things especially when dealing with the logic gates as well as moving over to the lab and applying the classroom knowledge.

Q: What would you change about this course? (Please be specific.)

1 More external hardware with breadboards. For example, seeing a blinking light on a pynq board still feels like encoding a "black box" to do the work. I don't get to see what is really going on. The light on the pynq board doesn't tell me anything about how actual wires are arranged to make the light turn on.

2 Like I said before, being properly shown wavedrom and its specific commands.

3 the subject did not seem practical at all. We didn't see how what we learned about can actually be applied in computers

4 Nothing

5 !

6 N/A

7 .

8 N/A

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

1 I am satisfied with how I did in the course

2 I believe I have put in a good effort into the course and am satisfied with my performance.

3 I did well

4 Very satisfied, Romans 10:9-10

5 !

6   I am moderately satisfied with my performance. I think I could have done a littler better but the class is a little challenging.

7   .

8   I felt like I did pretty well. I was a little scared going into this class because it was paired with computer science but I think I held my own for the most part.

Supplemental Questions

Supplemental Questions

Question	Number of Responses	Response Rate	STDEV	1	2	3	4	5	-1
In addition to being a full-time Whittier College student, I also work a part-time or full-time job.	4	25%	1.9	50%	0%	0%	0%	25%	25%
In addition to being a full-time Whittier College student, I also play a varsity sport.	4	25%	2.0	50%	0%	0%	0%	50%	0%
I found it easy to balance course work, in general, with other obligations this semester.	4	25%	1.6	25%	0%	0%	25%	50%	0%
I found it easy to balance course work, in this course specifically, with other obligations this semester.	4	25%	1.6	25%	0%	0%	25%	50%	0%

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;